

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: January 26, 2003, 19:16:11 : Search time 37 Seconds
(without alignments)
156.657 Million cell updates/sec

Title: US-09-854-280-3
Perfect score: 1073
Sequence: 1 MTLPLGLFLTWLHTCLAH.....FTTEFLHVPVGCVCVLRPSV 197

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/prodata/1/1aa/3A_COMB.pep:*
2: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*
3: /cgn2_6/prodata/1/1aa/6A_COMB.pep:*
4: /cgn2_6/prodata/1/1aa/6B_COMB.pep:*
5: /cgn2_6/prodata/1/1aa/PCDOS_COMB.pep:*
6: /cgn2_6/prodata/1/1aa/backfillsl.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	183	17.1	205	4	US-09-724-864-37 Sequence 37, Appl
2	173	16.1	153	1	US-08-514-014-12 Sequence 12, Appl
3	173	16.1	153	2	US-08-833-823-12 Sequence 12, Appl
4	173	16.1	163	3	US-09-034-810-2 Sequence 2, Appl
5	173	16.1	163	3	US-08-685-239-2 Sequence 2, Appl
6	160.5	15.0	151	2	US-08-620-694A-8 Sequence 8, Appl
7	160.5	15.0	151	3	US-09-034-810-6 Sequence 6, Appl
8	160.5	15.0	151	3	US-09-022-255-8 Sequence 8, Appl
9	160.5	15.0	151	3	US-09-022-255-8 Sequence 8, Appl
10	160.5	15.0	151	3	US-09-022-255-8 Sequence 8, Appl
11	160.5	15.0	151	3	US-08-685-239-6 Sequence 6, Appl
12	160.5	15.0	151	3	US-09-022-255-8 Sequence 8, Appl
13	160.5	15.0	151	4	US-09-022-259-8 Sequence 8, Appl
14	160.5	15.0	151	4	US-09-022-257-8 Sequence 8, Appl
15	160.5	15.0	151	4	US-08-432-994A-4 Sequence 4, Appl
16	158	14.7	155	4	US-08-432-994A-8 Sequence 8, Appl
17	150.5	14.0	158	2	US-08-620-694A-7 Sequence 7, Appl
18	150.5	14.0	158	3	US-09-022-255-7 Sequence 7, Appl
19	150.5	14.0	158	3	US-09-022-255-7 Sequence 7, Appl
20	150.5	14.0	158	3	US-09-022-255-7 Sequence 7, Appl
21	150.5	14.0	158	3	US-09-022-255-7 Sequence 7, Appl
22	150.5	14.0	158	4	US-09-022-259-7 Sequence 7, Appl
23	150.5	14.0	158	4	US-09-022-259-7 Sequence 7, Appl
24	148.5	13.8	150	3	US-09-034-810-4 Sequence 4, Appl
25	148.5	13.8	150	3	US-08-685-239-4 Sequence 4, Appl
26	148.5	13.8	150	4	US-08-432-994A-2 Sequence 2, Appl
27	148.5	13.8	158	4	US-08-432-994A-10 Sequence 10, Appl

28	125	11.6	79	4	US-08-432-994A-6	Sequence 6, Appl
29	83	7.7	430	1	US-08-318-947A-16	Sequence 16, Appl
30	83	7.7	430	2	US-08-795-303-16	Sequence 16, Appl
31	79	7.4	550	1	US-08-318-947A-4	Sequence 4, Appl
32	79	7.4	550	2	US-08-795-303-4	Sequence 4, Appl
33	77.5	7.2	567	5	US-08-261-822A-12	Sequence 12, Appl
34	77.5	7.2	567	5	PCT-US95-07744A-12	Sequence 12, Appl
35	75	7.0	3287	2	US-08-477-451-7	Sequence 7, Appl
36	74.5	6.9	307	2	US-08-918-206-1	Sequence 1, Appl
37	74.5	6.9	555	1	US-08-484-044-6	Sequence 6, Appl
38	74.5	6.9	582	2	US-08-422-699A-9	Sequence 9, Appl
39	74.5	6.9	582	2	US-08-422-706B-9	Sequence 9, Appl
40	74	6.9	260	4	US-09-006-353A-8	Sequence 8, Appl
41	74	6.9	260	4	US-09-573-986-8	Sequence 8, Appl
42	74	6.9	984	2	US-08-449-645A-19	Sequence 19, Appl
43	74	6.9	984	2	US-08-702-367A-19	Sequence 19, Appl
44	74	6.9	984	5	PCT-US95-04681-19	Sequence 19, Appl
45	74	6.9	2289	3	US-09-051-019-2	Sequence 2, Appl

ALIGNMENTS

```
RESULT 1
US-09-724-864-37
Sequence 37, Application US/09724864
Patent No. 6380362
GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Morrison, James G.
TITLE OF INVENTION: Polynucleotides, polypeptides expressed
by the polynucleotides and methods for their use.
FILE REFERENCE: 11000.105001
CURRENT APPLICATION NUMBER: US/09/724,864
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 37
LENGTH: 205
TYPE: PRT
ORGANISM: Mouse
US-09-724-864-37
Query Match 17.18; Score 183; DB 4; Length 205;
Best Local Similarity 31.24; Pred. No. 1.1e-13;
Matches 54; Conservative 16; Mismatches 49; Indels 54; Gaps 7;
DB 64 VALVSSLEASHR-GREERPSATTCVLRPEVLE-----98
15 LALAPGAAAGLRGR--RRRPPDC-ADRPEDLEQLYGLAGVLSAFHHTQLQPRE 71
99 -----AD-----THQRSISPMRYRVDDEDRYQRLARAECLRCGCDIART 139
72 QARVASCPAGRADRRPPTNLRVSVPWAYRISYDAPRPVLPAYCYLCRCGLGLY 131
140 GREALNASVRLQSLVLRRRRCSRGSGIPTGCAAFHFEFLHVPVGCVCV 192
132 GEEDFRFRSTPVPSPAVVLRRTAACAGRSV-----YAEH--YITIPVGCVCV 177
RESULT 2
US-08-514-014-12
Sequence 12, Application US/08514014
Patent No. 5707829
GENERAL INFORMATION:
APPLICANT: McCoy, John
APPLICANT: Kelleher, Kerry
APPLICANT: Carlin, McKeough
TITLE OF INVENTION: DNA SEQUENCES AND SECRETED PROTEINS
TITLE OF INVENTION: ENCODED THEREBY
```

```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/514,014
FILING DATE: 11-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: GI6000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO.: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 153 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-833-823-12

Query Match          16.1%; Score 173; DB 2; Length 153;
Best Local Similarity 39.0%; Pred. No. 1,1e-12;
Matches 39; Conservative 16; Mismatches 31; Indels 14; Gaps

OY 97 LEADHORSISPMRYHVDDEDEYPOKLAFAECICRGCDIARQGREALINSVRLQSL 15
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 60 MSRIEESRTPMNYVTMDPKRIYSEVQAQCNKICINAQ-GKEDISNVSVPIDQETL 11
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

OY 157 VIKRR-PCGRDSCGLPTPGAFAPFTETIHVPVCTCVLP 194
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 119 VIKRHQGS-----VSFOLEKVLVTGCTCVLP 147
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

RESULT 4
US-09-034-810-2
Sequence 2, Application US/09034810
Patent No. 6043344

GENERAL INFORMATION:
APPLICANT: Jacobs, Kenneth
APPLICANT: Kelleher, Kerry
APPLICANT: Carlin, McKeough
APPLICANT: Goldman, Samuel
APPLICANT: Pittman, Debora
APPLICANT: Mi, Sha
APPLICANT: Neben, Steven
APPLICANT: Giannotti, Johan
APPLICANT: Golden/Fleet, Margaret
TITLE OF INVENTION: Human CTLA-8 and Uses of CTLA-8-Related Proteins
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: USA
ZIP: 02140

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/685,239
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15262
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224

```

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 163 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-034-810-2

Query Match 16.1%; Score 173; DB 3; Length 163;
Best Local Similarity 39.0%; Pred. No. 1.2e-12;
Matches 39; Conservative 16; Mismatches 31; Indels 14; Gaps 3;

QY 97 LEADTHORSISPMRYRVDTDEDRYPQKLAFAECLRCGICDARTGRTAALNSVRLLOSL 156
DB 70 MSRNIESRSTSPMNYVTWDPNRYPSSEVVOACRNLGCIINAQ-GKEDISMSVPIQOETL 128
QY 157 VLRRR--PCSRDGSGLTPGAFAFHFHFHVPYGCICVLP 194
DB 129 VVRKHQGS-----VSFOLEKVLVTGCTCVP 157

RESULT 5
US-08-685-239-2
Sequence 2, Application US/08685239;
Patent No. 6074849

GENERAL INFORMATION:
APPLICANT: Jacobs, Kenneth
APPLICANT: Kelleher, Kerry
APPLICANT: Carlin, McKeough
APPLICANT: Goldman, Samuel
APPLICANT: Pittman, Debora
APPLICANT: M1, Sha
APPLICANT: Neben, Steven
APPLICANT: Giannotti, Joann
APPLICANT: Golden/Fleet, Margaret
TITLE OF INVENTION: Human CTLA-8 and Uses of CTLA-8-Related Proteins
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/685,239
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 38,724
REFERENCE/DOCKET NUMBER: G15262
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 163 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-685-239-2

Query Match 16.1%; Score 173; DB 3; Length 163;
Best Local Similarity 39.0%; Pred. No. 1.2e-12;
Matches 39; Conservative 16; Mismatches 31; Indels 14; Gaps 3;

QY 97 LEADTHORSISPMRYRVDTDEDRYPQKLAFAECLRCGICDARTGRTAALNSVRLLOSL 156

DB 70 MSRNIESRSTSPMNYVTWDPNRYPSSEVVOACRNLGCIINAQ-GKEDISMSVPIQOETL 128
QY 157 VLRRR--PCSRDGSGLTPGAFAFHFHFHVPYGCICVLP 194
DB 129 VVRKHQGS-----VSFOLEKVLVTGCTCVP 157

RESULT 6
US-08-620-694A-8
Sequence 8, Application US/08620694A
Patent No. 5869286

GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
APPLICANT: Fanslow, William
TITLE OF INVENTION: No. 5869286el Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/620,694A
FILING DATE: 21 MARCH 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/538,765
FILING DATE: 7 AUGUST 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995

ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 151 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Herpesvirus Saimiri
STRAIN: ORF13
US-08-620-694A-8

Query Match 15.0%; Score 160.5; DB 2; Length 151;
Best Local Similarity 28.6%; Pred. No. 3.2e-11;
Matches 46; Conservative 23; Mismatches 57; Indels 35; Gaps 5;

QY 36 CYSAEELPLGQAPPHILARAGKGOALPVVALVSSLEAASHRGHRRSPATTCQVLPREE 95
DB 18 CIYKSETTSKQTRCLAA-----NSFPRSVWVTLIRNMNTSKRAS----- 60
QY 96 VLEADTHORSISPMRYRVDTDEDRYPQKLAFAECLRCGICDARTGRTAALNSVRLLOSL 155

Db 61 ----DYNRSTSPWTLHNRNDDRYPSVIMEAKRCYLCVNA-DGNDYHMSVPIQOEI 115
QY 156 LVLR--RPGSRDGSGLTPGAFHFTEFIHVPVGCCTVLP 194
Db 116 LVVRKHQPCPN-----SFRLEKMLVTVGCTCTVLP 145

RESULT 7
US-09-034-810-6
Sequence 6, Application US/09034810
Patent No. 6043344
GENERAL INFORMATION:
APPLICANT: Jacobs, Kenneth
APPLICANT: Kelleher, Kerry
APPLICANT: Carlin, Mckeough
APPLICANT: Goldman, Samuel
APPLICANT: Pittman, Debra
APPLICANT: Mi, Sha
APPLICANT: Neben, Steven
APPLICANT: Giannotti, Joann
TITLE OF INVENTION: Human CTLA-8 and Uses of CTLA-8-Related Proteins
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/685,239
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15262
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-3851
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 151 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-034-810-6

Query Match 15.0%; Score 160.5; DB 3; Length 151;
Best Local Similarity 28.6%; Pred. No. 3.2e-11;
Matches 46; Conservative 23; Mismatches 57; Indels 35; Gaps 5;
QY 36 CYAELPLGQAPPHILARGAWGOLPYALVSSLEASHRGHRHPSATTCQVLRPEE 95
Db 18 CTVKSTITSAQTPRCIAA-----NNSFPRSVAVTLISINWMTSSKRAS-----60
QY 96 VLEADTHOSISPMWRVYDDEDRYPKLAFAECICRCIDARGRETAALNSVRLQSL 155
Db 61 ----DYNRSTSPWTLHNRNDDRYPSVIMEAKRCYLCVNA-DGNDYHMSVPIQOEI 115
QY 156 LVLR--RPGSRDGSGLTPGAFHFTEFIHVPVGCCTVLP 194
Db 116 LVVRKHQPCPN-----SFRLEKMLVTVGCTCTVLP 145

RESULT 8
US-09-022-255-8
Sequence 8, Application US/09022255
Patent No. 6072033
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
APPLICANT: Fanslow, William
TITLE OF INVENTION: No. 6072033el Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022,255
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/620,694
FILING DATE: 21 MARCH 1996
APPLICATION NUMBER: USSN 08/538,765
FILING DATE: 7 AUGUST 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410,535
FILING DATE: 23 MARCH 1995
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 151 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Herpesvirus Saimiri
STRAIN: ORF13
US-09-022-255-8

Query Match 15.0%; Score 160.5; DB 3; Length 151;
Best Local Similarity 28.6%; Pred. No. 3.2e-11;
Matches 46; Conservative 23; Mismatches 57; Indels 35; Gaps 5;
QY 36 CYAELPLGQAPPHILARGAWGOLPYALVSSLEASHRGHRHPSATTCQVLRPEE 95
Db 18 CTVKSTITSAQTPRCIAA-----NNSFPRSVAVTLISINWMTSSKRAS-----60
QY 96 VLEADTHOSISPMWRVYDDEDRYPKLAFAECICRCIDARGRETAALNSVRLQSL 155
Db 61 ----DYNRSTSPWTLHNRNDDRYPSVIMEAKRCYLCVNA-DGNDYHMSVPIQOEI 115
QY 156 LVLR--RPGSRDGSGLTPGAFHFTEFIHVPVGCCTVLP 194
Db 116 LVVRKHQPCPN-----SFRLEKMLVTVGCTCTVLP 145

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RESULT 10
US-09-022-696-8
; Sequence 8, Application US/09022696
; Patent No. 6072037
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; APPLICANT: Spriggs, Melanie
; APPLICANT: Fanslow, William
; TITLE OF INVENTION: No. 6072037e1 Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immune Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Power Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.5
; SOFTWARE: Microsoft Word for Apple, Version 6.0.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/022,696
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/620,694
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/410,535
; FILING DATE: 23 MARCH 1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Perkins, Patricia Anne
; REGISTRATION NUMBER: 34,695
; REFERENCE/DOCKET NUMBER: 2617-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206)587-0430
; TELEFAX: (206)
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 151 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Herpesvirus Saimiri
; STRAIN: ORE13
; US-09-022-696-8

Query Match 15.0%, Score 160.5, DB 3; Length 151;
Best Local Similarity 28.6%; Pred. No. 3.2e-11;
Matches 46; Conservative 23; Mismatches 57; Indels 35; Gaps 5;

Oy 36 CYSAAEELGGAAPHLRGAKGWALVALVSSLEAASHRGHRHRPSPATTCQPLRPEE 95
Db 18 C1WSEIISAQIPCLIA-----NNSPSPVWVTLIRWMTSSRRAS----- 60

Oy 96 VLEADTHORISPMWRYAVDTDEDARYPOKLAFAECLRCGICIDARTGRTETALNSVRLQSL 155
Db 61 ----DYAKRSISPMVLRHNEDODRIPSYIWEKCKRYLCVNA-DGNDVYHMSVYIOQEI 115

Oy 156 LVLR--RPCSRDGSGLPTPGAFAFHTEFIHVPVGCCTCLP 194
Db 116 LVVRKGHQPCH-----SFLERKMLVTVCCTCVP 145

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US-08-685-239-6
; Sequence 6, Application US/08685239
; Patent No. 6074849
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: Kelleher, Kerry
; APPLICANT: Carlin, McKeough
; APPLICANT: Goldman, Samuel
; APPLICANT: Pittman, Debra
; APPLICANT: Mi, Sha
; APPLICANT: Neben, Steven
; APPLICANT: Giannotti, JoAnn
; APPLICANT: Golden/Fleet, Margaret
; TITLE OF INVENTION: Human CTLA-8 and Uses of CTLA-8-Related Proteins
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/685,239
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15262
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 151 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-685-239-6

Query Match      15.0%; Score 160.5; DB 3; Length 151;
Best Local Similarity 28.6%; Pred. NO. 3.2e-11;
Matches 46; Conservative 23; Mismatches 57; Indels 35; Gaps 5;

Oy   36 CYSASELPFGQAPPHILRGAKWGQALPVALVSSLEASHRGRHRRPSATTQCPLRPPE 95
    | : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db   18 CLYKSELTISAQIPRLA-----NNSFRSVAVTLSIRKNWNTSSKRAS----- 60

Oy   96 VLEADTHORSISPMRYRVDTEDERYPQKLAECLRCGICDARTGRETPALNSVRLQSL 155
    | : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db   61 ----DYNRSTSPMLIHRNEDDDRYPVSIMEAKCRYLCGVNA-DGNVDYHMNSVPIDQEI 115

Oy   156 LVLR--RPCSRDSGLPTPGAFARHTFEIHHPVCCTCPLP 194
    ||::|||::|||::|||::|||::|||::|||::|||::|||::|||::|||::|||
Db   116 LVVRKHQPCPN-----SFLERKMIVTGCCTCVP 145

RESULT 11
US-09-022-253-8
; Sequence 8, Application US/09022253
; Patent No. 6096305
; GENERAL INFORMATION:
; APPLICANT: Yao, Zhengbin
; APPLICANT: Springs, Melanie
; APPLICANT: Fanslow, William
; TITLE OF INVENTION: No. 6096305el Receptor That Binds IL-17
; NUMBER OF SEQUENCES: 10

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CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022.253
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/620.694
FILING DATE: 21-MARCH-1996
APPLICATION NUMBER: USSN 08/538.765
FILING DATE: 7 AUGUST 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410.535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ. ID NO.: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 151 amino acids
TYPE: amino acid
STRANDEDNESS: No. 6096305 Relevant
MOLECULE TYPE: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Herpesvirus Saimiri
STRAIN: ORF13
US-09-022-253-8

Query Match 15.0%; Score 160.5; DB 3; Length 151;
Best Local Similarity 28.6%; Pred. No. 3.2e-11;
Matches 46; Conservative 23; Mismatches 57; Indels 35; Gaps 5;

QY 36 CYSAEELPIGQAPPHLLARGAKWGQALPYALVSSLEASHRGHRRPSATTQCVPARPEE 95
DB 18 CIVKSEITSAQPCILAA-----NNSFPRSVAVTLISINMMNTSSKRAS-----60
QY 96 VLEAETHORHSISPMRYRYVDTEDRYPOKLAFAECLRCGCDIARTGRTAALNSVRLLOSL 155
DB 61 ----DYNNSTSPWTLHRNEDODRPSYIMPAKCRYLGCYVNA-DGANDVYHNSVPIOOEI 115
QY 156 IYLRR--RPGSRDGSGLTPGAFAFHTEFIHVPVGCCTVLP 194
DB 116 LVVRKGHPCCN-----SFRLEKMLVTVGCTCVP 145

RESULT 12
US-09-022-260-8
Sequence 8, Application US/09022260
Patent No. 6100235
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
APPLICANT: Fanslow, William
TITLE OF INVENTION: No. 6100235el Receptor That Binds IL-17

NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022.260
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/620.694
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410.535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ. ID NO.: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 151 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
MOLECULE TYPE: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Herpesvirus Saimiri
STRAIN: ORF13
US-09-022-260-8

Query Match 15.0%; Score 160.5; DB 3; Length 151;
Best Local Similarity 28.6%; Pred. No. 3.2e-11;
Matches 46; Conservative 23; Mismatches 57; Indels 35; Gaps 5;

QY 36 CYSAEELPIGQAPPHLLARGAKWGQALPYALVSSLEASHRGHRRPSATTQCVPARPEE 95
DB 18 CIVKSEITSAQPCILAA-----NNSFPRSVAVTLISINMMNTSSKRAS-----60
QY 96 VLEAETHORHSISPMRYRYVDTEDRYPOKLAFAECLRCGCDIARTGRTAALNSVRLLOSL 155
DB 61 ----DYNNSTSPWTLHRNEDODRPSYIMPAKCRYLGCYVNA-DGANDVYHNSVPIOOEI 115
QY 156 IYLRR--RPGSRDGSGLTPGAFAFHTEFIHVPVGCCTVLP 194
DB 116 LVVRKGHPCCN-----SFRLEKMLVTVGCTCVP 145

RESULT 13
US-09-022-259-8
Sequence 8, Application US/09022259
Patent No. 6191104
GENERAL INFORMATION:
APPLICANT: Yao, Zhengbin
APPLICANT: Spriggs, Melanie
APPLICANT: Fanslow, William
TITLE OF INVENTION: No. 6191104el Receptor That Binds IL-17
NUMBER OF SEQUENCES: 10

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ADDRESS: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/022.257
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/620.694
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/410.535
FILING DATE: 23 MARCH 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,695
REFERENCE/DOCKET NUMBER: 2617-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 151 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Herpesvirus Saimiri
STRAIN: ORF13
US-09-022-257-8

Query Match 15.0%; Score 160.5; DB 4; Length 151;
Best Local Similarity 28.6%; Pred. No.3.2e-11;
Matches 46; Conservative 23; Mismatches 57; Indels 35; Gaps 5;

QY 36 CYSAEELPLGQAPPHLLARGAKWGQALPVALVSSLEAASHRGHRHRRPSATTCQPVLRPEE 95
Db 18 CIVKSEITSACTPRCLAA-----NNSFPFSVMVTLIRMMNTSSKRAS----- 60
QY 96 VLEADTHORSTSPMYRYVDTDEDYRPOKLAFAECCLRCGICIDARTGRETALNVSFVLQSL 155
Db 61 ----DYVNRSTSPWTLHRNEDODRPSYIWEKCKRYLGCVA-DGNVDYHMSVPIQEI 115
QY 156 LVLR--RPSRDSGLPTPGAFATHEFTHFHPVCGTCVLP 194
Db 116 LVVRKHQPCPR-----SFRLEKMLVTVCCTCVP 145

RESULT 15
US-08-432-994A-4
Sequence 4, Application US/08432994A
Patent No. 6274711
GENERAL INFORMATION:
APPLICANT: Golstein, Pierre
APPLICANT: Rouvier, Eric
APPLICANT: Fossiez, Francois
APPLICANT: Lebecque, Serge J.E.
APPLICANT: Djossou, Odile
APPLICANT: Banchemereau, Jacques
TITLE OF INVENTION: PURIFIED MAMMALIAN CTLA-8 ANTIGENS AND

```

TITLE OF INVENTION: RELATED REAGENTS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: DNAX Research Institute
STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/432,994A
FILING DATE: 02-MAY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/250,846
FILING DATE: 27-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/177,747
FILING DATE: 05-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/077,203
FILING DATE: 14-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: DX0388K3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-852-9196
TELEFAX: 415-496-1200
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 151 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-432-994A-4

Query Match 15.0%; Score 160.5; DB 4; Length 151;
Best Local Similarity 28.6%; Pred. No. 9.2e-11;
Matches 46; Conservative 23; Mismatches 57; Indels 35; Gaps 5;
QY 36 CYSAEELPLGQAPPHILAGAKWGALVAVLSLEAASHRGHRRPSATTCQVLRPEE 95
DB 18 CIVKSEITSAOTPRCLAA-----NNSFPRSVVTLISIRNMNTSSKRAS----- 60
QY 96 VLEADTHQRSISPMRYRVDTEDEKIPQKLAFAECCRCGICIDARTGRTAALNSVRLLOSL 155
DB 61 -----DYINNSISPMWTLHKNEDODRPSYIWEAKCRYLGCYVNA-DGNVDYHNSVPIQOEI 115
QY 156 IVLRR-RPCSRDGSGLPTPGAFATFEFIHVPGCTCVP 194
DB 116 IIVRKQHQPCH-----SFRLEKMLVTVGCTCVP 145

Search completed: January 26, 2003, 20:29:32
Job time : 38 secs

GenCore version 5.1.3
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OM Protein - nucleic search, using frame_plus.p2n model

Run on: January 26, 2003, 20:28:50 ; Search time 70 Seconds
(without alignments)
863.076 Million cell updates/sec

Title: US-09-854-280-3

Perfect score: 1073
Sequence: 1 MTLPLGLFLTWLHTCLAHN.....FHTEFHVPGCTCVLPBSV 197

Scoring table: BLOSUM62
Xgapop 10.0, Xgapext 0.5
Ygapop 10.0, Ygapext 0.5
Delop 6.0, Delext 7.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Command line parameters:

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-O=/cgn2_1/USPRO_pool/US09854280/runat_24012003.111703.11185/app.query.fasta_1.391
-DB=Issued_Patents_NA -QFMT=fastcap -SUFFIX=p2n.rml -MINMATCH=0.1 -LOOPCL=0
-LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62 -TRANS=human40.cdi
-LIST=45 -DOCAIGN=200 -THR_SCORE=pct -THR_MAX=100 -THR_MIN=0 -ALIGN=15
-MODE=LOCAL -OUTFMT=ptc -NORM=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=2000000000
-USER=US09854280.ECGN.1.1.31.etrnat.24012003.111703.11185 -NCEU=6 -ICPU=3
-NO_XLPXY -NO_MMAP -LARGOQUERY -NEG_SCORES=0 -MATT -LONGLOC -DEV_TIMECUT=120
-WARN_TIMECUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FCGAPOP=6 -FCGAPEXT=7
-YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database :

- 1: Issued_Patents_NA.*
- 2: /cgn2_6/ptodata/1/ina/5A.COMB.seq.*
- 3: /cgn2_6/ptodata/1/ina/5B.COMB.seq.*
- 4: /cgn2_6/ptodata/1/ina/6A.COMB.seq.*
- 5: /cgn2_6/ptodata/1/ina/6B.COMB.seq.*
- 6: /cgn2_6/ptodata/1/ina/Backfiles1.seq.*

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	192.5	17.9	1258	4	US-09-724-864-2
2	175	16.3	813	1	US-08-514-014-11
3	175	16.3	813	2	US-08-833-823-11
4	175	16.3	813	3	US-09-034-810-1
5	175	16.3	813	3	US-08-685-239-1
6	161	15.0	456	4	US-08-432-994A-7
7	160.5	15.0	459	4	US-08-432-994A-3
8	160.5	15.0	459	3	US-09-034-810-5
9	160.5	15.0	459	3	US-08-685-239-5
10	150.5	14.0	498	2	US-08-620-694A-6
11	150.5	14.0	498	3	US-09-022-255-6
12	150.5	14.0	498	3	US-09-022-696-6

13	150.5	14.0	498	3	US-09-022-253-6	Sequence 6, Appli
14	150.5	14.0	498	3	US-09-022-260-6	Sequence 6, Appli
15	150.5	14.0	498	4	US-09-022-259-6	Sequence 6, Appli
16	150.5	14.0	498	4	US-09-022-257-6	Sequence 6, Appli
17	148.5	13.8	461	3	US-09-034-810-3	Sequence 3, Appli
18	148.5	13.8	461	3	US-08-685-239-3	Sequence 3, Appli
19	148.5	13.8	1080	4	US-08-432-994A-1	Sequence 3, Appli
20	148.5	13.8	1134	4	US-08-432-994A-9	Sequence 1, Appli
21	125	11.6	240	4	US-08-432-994A-5	Sequence 1, Appli
22	105	9.8	4622	4	US-08-509-024-6	Sequence 6, Appli
23	105	9.8	4622	4	US-09-333-279-6	Sequence 6, Appli
24	102	9.5	12848	4	US-09-453-702B-252	Sequence 252, App
25	97	9.0	3048	1	US-08-188-128-47	Sequence 47, Appli
26	97	9.0	3048	1	US-08-332-638-41	Sequence 41, Appli
27	97	9.0	3048	1	US-08-332-638-47	Sequence 47, Appli
28	95.5	8.9	152331	3	US-09-128-155-17	Sequence 16, Appli
29	95.5	8.9	176373	3	US-09-128-155-17	Sequence 17, Appli
30	91.5	8.5	111282	4	US-09-734-250-3	Sequence 3, Appli
31	90.5	8.4	3914	1	US-08-117-373-11	Sequence 11, Appli
32	90.5	8.4	50937	4	US-09-428-517-1	Sequence 1, Appli
33	90	8.4	3196	2	US-09-096-982-4	Sequence 4, Appli
34	90	8.4	3196	2	US-08-653-650A-4	Sequence 4, Appli
35	90	8.4	71989	4	US-09-443-501A-2	Sequence 2, Appli
36	89	8.3	2851	4	US-09-535-521-1	Sequence 1, Appli
37	89	8.3	2851	4	US-09-535-521-3	Sequence 3, Appli
38	89	8.3	3043	4	US-09-008-271A-14	Sequence 14, Appli
39	88.5	8.2	1930	4	US-09-724-864-9	Sequence 9, Appli
40	88.5	8.2	6714	4	US-09-299-141-6	Sequence 6, Appli
41	88.5	8.2	6924	4	US-09-299-141-9	Sequence 9, Appli
42	88.5	8.2	6924	4	US-09-299-141-10	Sequence 10, Appli
43	88.5	8.2	6924	4	US-09-299-141-11	Sequence 11, Appli
44	88	8.2	753	4	US-08-998-416-567	Sequence 567, App
45	88	8.2	10103	2	US-08-457-273B-7	Sequence 7, Appli

ALIGNMENTS

RESULT 1
US-09-724-864-2
Sequence 2, Application US/09724864
Patent No. 6380362
GENERAL INFORMATION:
APPLICANT: Watson, James D.
INVENTOR: Watson, James G.
TITLE OF INVENTION: polynucleotides, polypeptides expressed
FILE REFERENCE: 11000.105001
CURRENT APPLICATION NUMBER: US/09/724,864
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 1258
TYPE: DNA
ORGANISM: Mouse
US-09-724-864-2

Alignment Scores:

Pred. No.: 1.66e-09
Score: 192.50
Percent Similarity: 45.528
Best Local Similarity: 35.868
Query Match: 17.948
DB: 4
Gaps: 4

US-09-854-280-3 (1-197) x US-09-724-864-2 (1-1258)

QY 48 PROPIONISLEULEALARGGLYALALYSTPGLYGLIALALEUProValAlaLeuVal 67
DB 275 CCACGACAGCTGCAGCTGCGCGCGAGCAGCGGC -GCAATGCGACCTGCC----- 327


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MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,823
FILING DATE: 10-APR-1997
CLASSIFICATION: 530
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/514,014
FILING DATE: 11-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G16000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 813 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 86..544
US-08-833-823-11

Alignment Scores:
Pred. No.: 4.32e-08 Length: 813
Score: 175.00 Matches: 58
Percent Similarity: 45.50% Conservative: 28
Best Local Similarity: 30.69% Mismatches: 56
Query Match: 16.31% Indels: 47
DB: 2 Gaps: 9

US-09-854-280-3 (1-197) x US-08-833-823-11 (1-813)
QY 37 TYSERIALGLULeuProLeuGlyGlnAlaProPro-HisLeuLeuAlaArgGlyAla 56
Db 10 CATTACAGAAAGAGCTTCCTGCACAAAGTAGCCACCAACATGACAGTGAAGAC 69
QY 56 alySTRPGlyGlnAlaLeuProValAlaLeuValSerSerLeu-----70
Db 70 CCGCATGGCCGCCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 129
QY 71 ----GluAlaAlaSerHisArg-----GlyArg-----HisGluArgProse 83
Db 130 GAGTGGAGGGGGAGCTGGGAAATCCCAAGTAGACACTACTTTTCCAAAGGCTGA 189
QY 83 rAlaThrThrGlnCysProValLeuArgProGluGluValLeuGlnAlaAsp----- 100
Db 190 GAGT-----TGCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 237
QY 101 -----ThrHisGlnArgSerHisSerHisSerHisSerHisSerHisSerHis 108
Db 238 CATCAATGAAMACAGCGGCTTCATGTCACGTAACATGACAGAGCGGCTCCACCTCCC 297
QY 108 oTTPATGTYrArgValAspThrAspGlnAspArgTYrProGlnLysLeuAlaPheAlaG 128
Db 298 CTGGAATTACACGTGCTACCTGGAGCCCAACCGGTACCCCTGGAGGTGTACAGGCCCA 357
QY 128 uCysLeuCysArgGlyCysLysAlaArgThrGlyArgGluThrAlaAlaLeuAsnS 148
Db 358 GTGTAGAGACTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 414
QY 148 rValArgLeuLeuGlnSerLeuLeuValLeuArgArgArg-----ProCysSerArg 166
Db 415 CGTTCCTCCACAGAGACAGACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 469

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QY 166 pGlySerGlyLeuProThrProGlyAlaPheAlaPheHisThrGluPheHisValPr 186
Db 470 -----GTTCTTCCAGTTGACAGAGGTGCTGCTGAC 501
QY 186 oValGlyCysThrCysValLeuPro 194
Db 502 TGTGGCTGCACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 526

RESULT 4
US-09-034-810-1
Sequence 1, Application US/09034810
Patent No. 6043344
GENERAL INFORMATION:
APPLICANT: Jacobs, Kenneth
APPLICANT: Kelleher, Kerry
APPLICANT: Carlin, McKeough
APPLICANT: Goldman, Samuel
APPLICANT: Pitman, Debra
APPLICANT: Ml, Sha
APPLICANT: Neben, Steven
APPLICANT: Glanoff, JoAnn
APPLICANT: Golden/Fleet, Margaret
TITLE OF INVENTION: Human CTLA-8 and Uses of CTLA-8-related Proteins
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,810
FILING DATE:
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/685,239
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15262
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 813 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 56..544
US-09-034-810-1

Alignment Scores:
Pred. No.: 4.32e-08 Length: 813
Score: 175.00 Matches: 58
Percent Similarity: 45.50% Conservative: 28
Best Local Similarity: 30.69% Mismatches: 56
Query Match: 16.31% Indels: 47
DB: 3 Gaps: 9

US-09-854-280-3 (1-197) x US-09-034-810-1 (1-813)

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QY 56 alystrpGlyGlnAlaLeuProValAlaIleValSerSerLeu----- 70
DB 70 CCTGCATGGCCCGCCCATGTCAGTACTGCTGCTTCATATTTGGGGCTTCCCTTCT 129
QY 71 ----GluAlaIleSerHisArg-----GlyArg-----HisGluArgProse 83
DB 130 GAGTGAAGCGGCGACCTGCGAAATCCCAAGTAAGACATCTTTTCCAAAGAGCTGA 189
QY 83 rAlaThrThrGlnCysProValLeuArgProGluGluValLeuGluAlaIleAsp----- 100
DB 190 GAGT-----TGCCCGCGCTGTG---CCAGAGAGTATGATGATGACCTTGACATTTGGCAT 237
QY 101 -----ThrHisGluArgSerIleSerPr 108
DB 238 CATCAATGAAACACGCGGCTTTCATGTCACGTACATGACAGAGCGGCTCCACCTCC 297
QY 108 oTTPArgTyrArgValAspThrAspGluAspArgTyrProGlnLysLeuAlaIleAla 128
DB 298 CTGGAATTACACTGTCTACTTGGAGCCCAACCGGTACCCCTCGGAAGTTGTACAGAGGCCA 357
QY 128 uCysLeuCysArgGlyCysIleAspAlaArgThrGlyArgGluThrAlaIleAsnSe 148
DB 358 GTGTAGCAACTTGGCGCTGCATCAATGCTCA---GGAAGAGAACATCTTCATTAATTC 414
QY 148 rValArgLeuLeuGlnSerLeuLeuValLeuArgArg-----ProCysSerArgAs 166
DB 415 CGTCCCATCCACAGACAGACACCTGTGCTCGCGAGAGACACCAAGGCTCTCT- 469
QY 166 polySerGlyLeuProThrProGlyAlaPheAlaPheHisThrGluPheIleHisValPr 186
DB 470 -----GTTTCTTTCAGTTGAGAGAGGCTGCTGAC 501
QY 186 oValGlyCysThrCysValLeuPro 194
DB 502 TGTGTGCTGCACCTGCTGCACCCCT 526

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RESULT 5
 US-08-685-239-1
 : Sequence 1, Application US/08685239
 : Patent No. 6074849
 : GENERAL INFORMATION:
 : APPLICANT: Jacobs, Kenneth
 : APPLICANT: Kelleher, Kerry
 : APPLICANT: Carlin, McKeeough
 : APPLICANT: Goldman, Samuel
 : APPLICANT: Pittman, Debra
 : APPLICANT: Mi, Sha
 : APPLICANT: Neben, Steven
 : APPLICANT: Giannotti, JoAnn
 : APPLICANT: GoldenFleet, Margaret
 : TITLE OF INVENTION: Human CTLA-8 and Uses of CTLA-8-related Proteins
 : NUMBER OF SEQUENCES: 9
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Genetics Institute, Inc.
 : STREET: 87 CambridgePark Drive
 : CITY: Cambridge
 : STATE: Massachusetts
 : COUNTRY: USA
 : ZIP: 02140
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : OPERATING SYSTEM: IBM PC compatible
 : SOFTWARE: PatentIn Release #1.0, Version #1.25
 : CURRENT APPLICATION DATA:
 : FILING DATE: US/08/685,239
 : CLASSIFICATION: 435
 : ATTORNEY/AGENT INFORMATION:

```

NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15262
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SRO ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 813 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHEICAL: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 56..544
US-08-685-239-1

Alignment Scores:
Pred. No.: 4.32e-08
Score: 175.00
Percent Similarity: 45.50%
Best Local Similarity: 30.69%
Query Match: 16.31%
DB: 3
Gaps: 9

US-09-854-280-3 (1-197) x US-08-685-239-1 (1-813)
QY 37 TyrSerAlaGluGluLeuProLeuGlyAlaIleProPro-HisLeuLeuAlaArgGlyAl 56
DB 10 CATTCACAGAAAGAGCTTCTGCGACAAAGTAAGCCACCAGCAACATGACAGTGAAGAC 69
QY 56 alystrpGlyGlnAlaLeuProValAlaIleValSerSerLeu----- 70
DB 70 CCTGCATGGCCCGCCCATGTCAGTACTGCTGCTTCATATTTGGGGCTTCCCTTCT 129
QY 71 ----GluAlaIleSerHisArg-----GlyArg-----HisGluArgProse 83
DB 130 GAGTGAAGCGGCGACCTGCGAAATCCCAAGTAAGACATCTTTTCCAAAGAGCTGA 189
QY 166 polySerGlyLeuProThrProGlyAlaPheAlaPheHisThrGluPheIleHisValPr 186
DB 470 -----GTTTCTTTCAGTTGAGAGAGGCTGCTGAC 501
QY 186 oValGlyCysThrCysValLeuPro 194
DB 502 TGTGTGCTGCACCTGCTGCACCCCT 526

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RESULT 6
 US-08-432-994A-7
 : Sequence 7, Application US/08432994A
 : Patent No. 6274711

GENERAL INFORMATION:
APPLICANT: Golstein, Pierre
APPLICANT: Rouvier, Eric
APPLICANT: Fossiez, Francois
APPLICANT: Lebecque, Serge J.E.
APPLICANT: Djossou, Odile
APPLICANT: Bancheureau, Jacques
TITLE OF INVENTION: PURIFIED MAMMALIAN CTLA-8 ANTIGENS AND
TITLE OF INVENTION: RELATED REAGENTS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: DMAX Research Institute
STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/432,994A
FILING DATE: 02-MAY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/250,846
FILING DATE: 27-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/177,747
FILING DATE: 05-JAN-1994
APPLICATION NUMBER: US 08/077,203
FILING DATE: 14-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: DX0388K3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-852-9196
TELEFAX: 415-496-1200
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 510 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 43..507
US-08-432-994A-7
Alignment Scores:
Pred. No.: 4.98e-07 Length: 510
Score: 161.00 Matches: 51
Percent Similarity: 41.188 Conservative: 19
Best Local Similarity: 30.008 Mismatches: 64
Query Match: 15.004 Indels: 37
DB: 4 Gaps: 6
US-09-854-280-3 (1-197) x US-08-432-994A-7 (1-510)
QY 49 ProHisLeuValLeuAlaArgGly-----AlaLysTrpGlyGlnAlaLeuProValAlaLeu 66
DB 18 CCCAGCTTGATGTGAGAAACAACAGTGAAGTCTGCGAAGACCTCATGTGTCTGCTGCT 77
QY 67 ValSerSerLeuValAlaAlaSerHisArgGlyArgHisGlnArgProSerAlaThrThr 86
DB 78 ACTGCTGCTGAGCGCTGAGGCGCATAGTGAAGAGGAGATCAACATCCACGAATCCAGG 137
QY 87 GlnGlyProValLeuArg-----ProGlnGlnValLeu----- 97

DB 138 A--TGCCCAATTCGTGAGACAGAACTTCCCGGAGCTGTGATGTCAACCTGACATC 195
QY 98 -----GlnAlaAspThrHisGlnArgSerIle 106
DB 196 CATACCGGAAATACCAATACCAATCCCAAAAGCTCTCATATACCAACCATCCACC 255
QY 107 SerProTyrArgTyrArgValAspThrAspGluAspArgTyrProGlnLysLeuAlaPhe 126
DB 256 TCACCTTGATCTCCACGCGCAATGAGACCTGTGAGGATATCCCTGTGTGATCTGGAG 315
QY 127 AlAGlucLysLeuCysArgGlyCysIleAspAlaArgThrGlyArgGlnTrpAlaAlaLeu 146
DB 316 GCAAGTGGCCGCCACATGCGCTGCATCAACGCT---GATGGAAAGTGGACATCCACATG 372
QY 147 AsnSerValArgLeuLeuGlnSerLeuValLeuArgArgPro-----CysSer 164
DB 373 AACTGTCTCCCATCCAGCAAGAGATCTGTCTCGCGAGGAGCCTCCACATGCCCC 432
QY 165 ArgAspGlySerLeuProThrProGlyAlaPheAlaPheHisThrGlnPheIleHis 184
DB 433 AAC-----TCTTCCGCGCTGGAGAAATACTG 459
QY 185 ValProValGlyCysThrCysValLeuPro 194
DB 460 GTGTCGCTGGGCTGCACACTGTGTACACCCG 489
RESULT 7
US-08-432-994A-3
Sequence 3, Application US/08432994A
Patent No. 6274711
GENERAL INFORMATION:
APPLICANT: Golstein, Pierre
APPLICANT: Rouvier, Eric
APPLICANT: Fossiez, Francois
APPLICANT: Lebecque, Serge J.E.
APPLICANT: Djossou, Odile
APPLICANT: Bancheureau, Jacques
TITLE OF INVENTION: PURIFIED MAMMALIAN CTLA-8 ANTIGENS AND
TITLE OF INVENTION: RELATED REAGENTS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: DMAX Research Institute
STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/432,994A
FILING DATE: 02-MAY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/250,846
FILING DATE: 27-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/177,747
FILING DATE: 05-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/077,203
FILING DATE: 14-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: DX0388K3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-852-9196
TELEFAX: 415-496-1200

NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

NAME: Brown, Scott A.
REGISTRATION NUMBER: 33 724

REFERENCE/DOCKET NUMBER: GI5262

TELEPHONE: (617) 498-8224

TELEFAX: (611) 8/6-5851
INFORMATION FOR SEO ID NO: 5:

SEQUENCE CHARACTERISTICS:
LENGTH: 459 base pairs

TYPE: nucleic acid

TOPOLOGY: linear

HYPOTHETICAL: NO

FEATURE:	
NAME/KEY:	CDS

LOCATION: 1..453
-034-810-5

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10

No.: 4.82e-07

nt Similarity: 42.86%

Local Similarity: 28.57%
Match: 14.96%

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-854-280-3 (1-197) x US-09-034-810

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27

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116 AspGluAspArgTyrProGlnLysLeuAla

229 GATCAGATAGATATCCCTCTGTGATTTCG

136 ASDA1aArcthrGl wArac1, mth-1-1-

086
A
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086
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C
E

[illegible]

RESULT 9
 US-08-685-239--5
 : Sequence 5, Application US/08685239
 : Patent No. 6074849
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Jacobs, Kenneth
 : APPLICANT: Kelleher, Kerry
 : APPLICANT: Carlin, McKeough
 : APPLICANT: Goldman, Samuel
 : APPLICANT: Pittman, Debra
 : APPLICANT: Mi, Sha
 : APPLICANT: Neben, Steven
 : APPLICANT: Giannotti, Johann
 : APPLICANT: Golden/Fleet, Margaret
 : TITLE OF INVENTION: Human CTLA-8 and Uses of CTLA-8-Related Proteins
 : NUMBER OF SEQUENCES: 9
 : CORRESPONDENCE ADDRESS:
 :

Alignment Scores:	
Pred. No.:	4.82e-07
Score:	160.50
Percent Similarity:	42.86%
Best Local Similarity:	28.57%
Query Match:	14.96%
DB:	3
Length:	459
Matches:	46
Conservative:	23
Mismatches:	57
Indels:	35
Gaps:	5

RESULT 10
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 : Sequence 6, Application US/08620694A
 : Patent No. 5869286
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: tao, Zhengbin
 : APPLICANT: Spriggs, Melanie
 : APPLICANT: Fanslow, William
 : TITLE OF INVENTION: No. 5869286e1 Receptor That Binds IL-17
 : NUMBER OF SEQUENCES: 10
 :
 : CORRESPONDENCE ADDRESS:
 :
 : ADDRESSEE: Immunex Corporation
 : STREET: 51 University Street
 : CITY: Seattle
 : STATE: WA
 : COUNTRY: USA
 : ZIP: 98101
 :
 : COMPUTER READABLE FORM:
 :
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: Apple Power Macintosh
 : OPERATING SYSTEM: Apple Operating System 7.5.5
 : SOFTWARE: Microsoft Word for Apple, Version 6.0.1
 :
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/620,694A
 : FILING DATE: 21 MARCH 1996
 : CLASSIFICATION: 435
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 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: USSN 08/538,765
 : FILING DATE: 7 AUGUST 1995
 : CLASSIFICATION: 435
 :
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: USSN 08/410,535
 : FILING DATE: 23 MARCH 1995
 : CLASSIFICATION: 435
 :
 : ATTORNEY/AGENT INFORMATION:
 :

[illegible]


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OY 154 SerIleuValIleuArgArgProCysSerArgAspGlySerGlyLeuProThrPro 173
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Db 374 GAGATCTGTCTCTGAAAGAGCGAGCCTGAGAGC-----406
OY 174 GlyAlaPheAlaPheHisThrGluPheIleHisValProValGlyCysThrCysVal 192
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 Job time : 74 secs

GenCore version 5.1.3
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OM protein - nucleic search, using frame_plus_p2n model

Run on: January 26, 2003, 20:36:26 : Search time 97 seconds

(without alignments)
912.424 Million cell updates/sec

Title: US-09-854-280-3

Perfect score: 1073

Sequence: 1 MTLPLGLFLFWLHTCLAHN.....FHTFHHVPGCTCVLPRSV 197

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Fgapop 6.0, Fgapext 7.0	
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Searched: 396772 seqs, 224632407 residues

Total number of hits satisfying chosen parameters: 793544

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Command line parameters:

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-LOOPEXT=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blomsum62
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-MAXLEN=2000000000 -USER=US09854280.eccn.1.1.36/runat_24012003.111704.11226
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Database : Published Applications_NA.*

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11:	/cgn2.6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
12:	/cgn2.6/ptodata/2/pubpna/US10_PUBCOMB.seq.*
13:	/cgn2.6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
14:	/cgn2.6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
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2	1073	100.0	594	10	US-09-854-208-17	Sequence 17, Appl
3	1073	100.0	1047	9	US-09-874-503-3	Sequence 3, Appl1
4	1073	100.0	1047	9	US-10-000-157-3	Sequence 3, Appl1

5	1073	100.0	1047	9	US-10-036-041-10	Sequence 10, Appl
6	1073	100.0	1047	9	US-09-747-259-3	Sequence 3, Appl1
7	1073	100.0	1047	9	US-10-035-855-10	Sequence 10, Appl
8	1073	100.0	1047	9	US-10-174-590-447	Sequence 447, App
9	1073	100.0	1047	9	US-10-176-758-447	Sequence 447, App
10	1073	100.0	1047	9	US-10-175-737-447	Sequence 447, App
11	1073	100.0	1047	10	US-09-854-280-4	Sequence 4, Appl1
12	1073	100.0	1047	10	US-09-854-208-4	Sequence 4, Appl1
13	1073	100.0	1047	12	US-10-036-342-10	Sequence 10, Appl
14	1073	100.0	1047	12	US-10-052-586-447	Sequence 447, App
15	1073	100.0	1067	9	US-09-320-713-28	Sequence 28, Appl
16	1073	100.0	1067	10	US-09-731-816-28	Sequence 28, Appl
17	459	42.8	705	10	US-09-320-713-1	Sequence 1, Appl1
18	459	42.8	705	10	US-09-731-816-1	Sequence 1, Appl1
19	407	37.9	230	10	US-09-854-280-7	Sequence 7, Appl1
20	407	37.9	230	10	US-09-854-208-7	Sequence 7, Appl1
21	261.5	24.4	332	9	US-09-320-713-30	Sequence 30, Appl
22	261.5	24.4	332	10	US-09-731-816-30	Sequence 30, Appl
23	201.5	18.8	1754	9	US-09-874-503-7	Sequence 7, Appl1
24	201.5	18.8	1754	9	US-10-000-157-7	Sequence 7, Appl1
25	201.5	18.8	1754	9	US-09-747-259-7	Sequence 7, Appl1
26	194.5	18.1	1496	10	US-09-886-404-9	Sequence 9, Appl1
27	193	18.0	1013	10	US-09-886-404-3	Sequence 3, Appl1
28	192.5	17.9	522	9	US-09-320-713-31	Sequence 31, Appl
29	192.5	17.9	522	10	US-09-731-816-31	Sequence 31, Appl
30	192.5	17.9	1641	10	US-09-731-816-3	Sequence 3, Appl1
31	192.5	17.9	1642	9	US-09-320-713-3	Sequence 3, Appl1
32	176	16.4	644	10	US-09-886-404-1	Sequence 1, Appl1
33	176	16.4	900	10	US-09-833-381-930	Sequence 930, App
34	173	16.1	535	9	US-10-063-547-159	Sequence 159, App
35	173	16.1	535	9	US-10-063-616-159	Sequence 159, App
36	173	16.1	535	12	US-10-006-867-159	Sequence 159, App
37	173	16.1	559	9	US-09-874-503-9	Sequence 9, Appl1
38	173	16.1	559	9	US-10-000-157-9	Sequence 9, Appl1
39	173	16.1	559	9	US-09-747-259-9	Sequence 9, Appl1
40	169	15.8	812	9	US-10-114-893-1	Sequence 1, Appl1
41	169	15.8	1320	9	US-09-874-503-5	Sequence 5, Appl1
42	169	15.8	1320	9	US-10-000-157-5	Sequence 5, Appl1
43	169	15.8	1320	9	US-10-063-547-155	Sequence 155, App
44	169	15.8	1320	9	US-09-747-259-5	Sequence 5, Appl1
45	169	15.8	1320	9	US-10-063-616-155	Sequence 155, App

ALIGNMENTS

RESULT 1
US-09-854-280-17
Sequence 17, Application US/09854280
Patent No. US20020052027A1
GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Filvaroff, Ellen
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin
APPLICANT: Li, Hanzhong
APPLICANT: Wood, William I.
TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF
FILE REFERENCE: P1381R12
CURRENT APPLICATION NUMBER: US/09/854,280
CURRENT FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US 09/311,832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: US 60/085,579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 60/113,621
PRIOR FILING DATE: 1998-12-23
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 17
LENGTH: 594
TYPE: DNA
ORGANISM: Homo sapiens
US-09-854-280-17

Friend, NO.:	9, 9e-90	Length:	594
Score:	1073.00	Matches:	197
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	10	Gaps:	0

05-034-280-3 (1-197) X US-09-854-280-17 (1-594)

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OY	41	GluLeuProLeuGlyGlyAlaProProHisLeuLeuAlaArgGlyAlaTyrTrpGlyGln	60
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Db	181	GCTTGGCTGATGCCCTGGTGTTCAGCTTGAGGACAGACACACAGGGGAGGACAGAC	240
OY	81	ArgProSerAlaThrThrGlnCysProValLeuArgProGluGluValLeuGluAlaAsp	100
Db	241	AGGCCCCAGCTACAGACCACCATGCCCCGAGTGTGGCCGGAGAGAGTGTGGAGGACAGAC	300
OY	101	ThrHisGlnArgSerLeuSerProTrpArgTyrArgValAspThrAspGluAspArgTyr	120
Db	301	ACCACCGAGCCCTCCATCTACCTCTGGAGATACCGTGGAGCAGCAGATGAGGACCGCTAT	360
OY	121	ProGlnLysLeuAlaPheAlaGluCysLeuCysArgGlyLysHisLeuSparAlaArgHisGly	140
Db	361	CCACAGAGAGCTGGCTTCCCGCAGATGGCTGTGAGAGGCTGATGCATGCACGAGCGGGC	420
OY	141	ArgGlnThrAlaAlaLeuAsnSerValArgLeuLeuGlnSerLeuLeuValLeuArgArg	160
Db	421	CGGAGAGACCTGGGCTCACTCCGTGGGCTGCTCCAGAGCTGCTGGTGGCGGC	480
OY	161	ArgProCysSerArgAspGlySerGlyLeuProThrProGlyValaPheAlaPheHisThr	180
Db	481	CGGCGCTGCTCCCGAGCGGCTGGGGCTCCACACACTGGGGGCTTGGCTTCCACACAC	540
OY	181	GluPheLeuHisValProValGlyCysThrCysValLeuProArgSerVal	197
Db	541	GAGTTCATCCACCTCCCGGCGCTCAGCTCGTCTCTCCCGCTTTCAGTG	591

RESULT 2
 US-09-854-208-17
 Sequence 17, Application US/09854208
 Patent No. US20020106743A1
 GENERAL INFORMATION:
 APPLICANT: Chen, Jian
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Goddard, Audrey
 APPLICANT: Gurney, Austin
 APPLICANT: Li, Hanzhong
 APPLICANT: Wood, William T
 TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES
 TITLE OF INVENTION: THEREOF
 FILE REFERENCE: P1381-R1
 CURRENT APPLICATION NUMBER: US/09/854,208
 CURRENT FILING DATE: 2001-05-10
 PRIOR APPLICATION NUMBER: US/09/311,832
 PRIOR FILING DATE: 1999-05-14
 PRIOR APPLICATION NUMBER: US 60/085,579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: US 60/113,621
 PRIOR FILING DATE: 1998-12-23
 NUMBER OF SEQ ID NOS: 26

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; SEQ ID NO 17
; LENGTH: 594
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-854-208-17

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US-09-854-208-17

Alignment Scores:

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Access: No. 1      Length: 596
Score: 1073.00     Matches: 197
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10            Gaps: 0

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US-09-854-208-17 (1-594) X US-09-854-208-3 (1-19/)

QY	1	MetThrLeuLeuProGlyLeuLeuPheLeuThrTrpPleuHisThrCysLeuAlaHisHis	20
Db	1	ATGAGCGCTCTCCCGGCGCTCTGTTTGTGACCTGGCGGCACACATGCTGGGCCACAT	60
QY	21	AspProSerLeuArgGlyHisProHisSerHisGlyTrpProHisCysTyrSerAlaGlu	40
Db	61	GACCCCTCCCTCAGGGGGGCACCCCACATGATCAGGTACCCCACTCATCTCATCTGGCTGAG	12
QY	41	GluLeuProLeuGlyGlnAlaProProHisLeuLeuAlaArgGlyAlaTyrTrpGlyGln	60
Db	121	GACATGCCCCCTGGGCGCAGGGCCCCCACCACCTGCTGGCTGAGGTGGCAAGTGGGGGCGAG	18
QY	61	AlaLeuProValAlaLeuValSerSerLeuGlnAlaAlaSerHisArgGlyArgHisGlu	80
Db	181	GCTTGCGCTGACCCCTGGGTGTCTCAACCTGGAGGACGACGACACAGGGGGGAGCACGAG	24
QY	81	ArgProSerAlaThrThrGlnCysProValLeuArgProGluGlnValLeuGlnAlaAsp	100
Db	241	AGGGCTCAGCTGACGACCACGACGCTGGCTGGCGCGGAGAGAGGTGTGGAGGCAAC	300
QY	101	ThrHisGlnArgSerIleSerProTrpArgTyrArgValAspHisAspGlnAspArgTyr	120
Db	301	ACCCACAGGGCTCCATCTCCACCCCTGGAGATACCGTGTGCACACGGATGAGAACCGCAT	360
QY	121	ProGlnLysLeuAlaPheAlaGluCysLeuGlyCysGlyIleAspAlaArgThrGly	140
Db	361	CCACAGAGGTGGCTCTGCCGCGATGCTGGCTGGCAGAGGGCTGATGTGATGCACGCGACGGC	420
QY	141	ArgGluThrAlaAlaLeuAsnSerValArgLeuGlnGlnSerLeuLeuValLeuArgArg	160
Db	421	CGGAGACAGCTGGCGCTCACTCCGCTGGCGGTCTCCAAAGCTCTGTGTCTGCGCGC	480
QY	161	ArgProCysSerArgAspGlySerGlyLeuProThrPProGlyAlaPheAlaPheHisThr	180
Db	481	CGGCGCTGCTCCCGGAGGGGTGGGGCTCCACACACTGGGGCCCTTGCTCCACAC	540
QY	181	GluPheIleHisValProValGlyCysThrCysValLeuProArgSerSerVal	197
Db	541	GAGTTATTCACAGTCCCGGTGGGTGCACCTGTGCTCTCCCGCTTACAGTG	591

RESULT 3
US-09-874-503-3

Patent No. US20020177188A1

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; APPLICANT: Chen, Jian
ADD TO NAME:

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APPLICANT: Fong, Sherman

APPLICANT: Godowski, Paul

APPLICANT: Gurney, Austin

APPLICANT: Hillan, Kenneth

APPLICANT: Tumas, Daniel

APPLICANT: Starovasnik, M

1	APPLICANT:	Vanlookenren, Manno
2	APPLICANT:	Vanlooken, Richard
3	APPLICANT:	Matanabe, Colin K.
4	APPLICANT:	Williams, P. Mickey
5	APPLICANT:	Wood, William I.
6	APPLICANT:	Yansura, Daniel
7	TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEP	
8	FILE REFERENCE: P1381R1C1P3(US)	
9	CURRENT APPLICATION NUMBER: US/09/874,503	
10	CURRENT FILING DATE: 2001-06-05	
11	PRIOR APPLICATION NUMBER:	US 60/253,646
12	PRIOR FILING DATE:	2000-11-28
13	PRIOR APPLICATION NUMBER:	US 60/244,072
14	PRIOR FILING DATE:	2000-10-26
15	PRIOR APPLICATION NUMBER:	US 60/242,837
16	PRIOR FILING DATE:	2000-10-24
17	PRIOR APPLICATION NUMBER:	US 60/175,481
18	PRIOR FILING DATE:	2000-01-11
19	PRIOR APPLICATION NUMBER:	US 60/191,007
20	PRIOR FILING DATE:	2000-03-21
21	PRIOR APPLICATION NUMBER:	US 60/213,807
22	PRIOR FILING DATE:	2000-06-22
23	PRIOR APPLICATION NUMBER:	US 60/172,096
24	PRIOR FILING DATE:	1999-12-23
25	PRIOR APPLICATION NUMBER:	US 60/138,387
26	PRIOR FILING DATE:	1999-06-09
27	PRIOR APPLICATION NUMBER:	US 60/134,287
28	PRIOR FILING DATE:	1999-05-14
29	PRIOR APPLICATION NUMBER:	US 60/131,022
30	PRIOR FILING DATE:	1999-04-26
31	PRIOR APPLICATION NUMBER:	US 60/130,232
32	PRIOR FILING DATE:	1999-04-21
33	PRIOR APPLICATION NUMBER:	US 60/113,621
34	PRIOR FILING DATE:	1998-12-23
35	PRIOR APPLICATION NUMBER:	US 60/085,579
36	PRIOR FILING DATE:	1998-05-15
37	PRIOR APPLICATION NUMBER:	US 09/854,208
38	PRIOR FILING DATE:	2001-05-10
39	PRIOR APPLICATION NUMBER:	US 09/854,280
40	PRIOR FILING DATE:	2001-05-20
41	PRIOR APPLICATION NUMBER:	US 09/816,744
42	PRIOR FILING DATE:	2001-03-22
43	PRIOR APPLICATION NUMBER:	US 09/747,259
44	PRIOR FILING DATE:	2000-12-20
45	PRIOR APPLICATION NUMBER:	US 09/644,848
46	PRIOR FILING DATE:	2000-08-22
47	PRIOR APPLICATION NUMBER:	US 09/380,142
48	PRIOR FILING DATE:	1999-08-25
49	PRIOR APPLICATION NUMBER:	US 09/380,138
50	PRIOR FILING DATE:	1999-08-25
51	PRIOR APPLICATION NUMBER:	US 09/311,832
52	PRIOR FILING DATE:	1999-05-14
53	PRIOR APPLICATION NUMBER:	US PCT/US01/06520
54	PRIOR FILING DATE:	2001-02-28
55	PRIOR APPLICATION NUMBER:	US PCT/US00/34956
56	PRIOR FILING DATE:	2000-12-20
57	PRIOR APPLICATION NUMBER:	US PCT/US00/32678
58	PRIOR FILING DATE:	2000-12-01
59	PRIOR APPLICATION NUMBER:	US PCT/US00/30873
60	PRIOR FILING DATE:	2000-11-10
61	PRIOR APPLICATION NUMBER:	US PCT/US00/23328
62	PRIOR FILING DATE:	2000-08-24
63	PRIOR APPLICATION NUMBER:	US PCT/US00/15264
64	PRIOR FILING DATE:	2000-06-02
65	PRIOR APPLICATION NUMBER:	US PCT/US00/07532
66	PRIOR FILING DATE:	2000-03-21
67	PRIOR APPLICATION NUMBER:	US PCT/US00/05841
68	PRIOR FILING DATE:	2000-03-02
69	PRIOR APPLICATION NUMBER:	US PCT/US00/05602
70	PRIOR FILING DATE:	2000-03-01
71	PRIOR APPLICATION NUMBER:	US PCT/US00/04341
72	PRIOR FILING DATE:	2000-02-18
73	PRIOR APPLICATION NUMBER:	US PCT/US99/31274

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; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: US PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: US PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; NUMBER OF SEQ ID NOS: 39
; SEQ ID NO 3
; LENGTH: 1047
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-874-503-3

Alignment Scores:
Pred. No.: 2.01e-89 Length: 1047
Score: 1073.00 Matches: 197
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: Gaps: 0

US-09-854-280-3 (1-197) x US-09-874-503-3 (1-1047)
QY 1 MetThrLeuLeuProGlyLeuLeuHeuThrTrpLeuHisThrCysLeuAlaHisHis 20
DB 50 AtGAGCGTCCTCCCGGCGCTCTGTTTCAGCTGGCTGCACACTGGCTGGCCCAT 107
QY 21 AspProSerLeuArgGlyHisProHisSerHisGlyThrProHisCysGlySerAlaGlu 40
DB 110 GACCCCTCCCTCAGGGGGAGACCCCCACAGTACGGTACCACACTGCTACTCGGCTGAG 167
QY 41 GluLeuProLeuGlyGlnAlaProProHisLeuLeuAlaArgGlyAlaLysTrpGlyGln 60
DB 170 GAACAGCCCTTCGGCCAGGCCCCCACACCTGCTGGCTCGAGTCCAGTGGGGGCGAG 222
QY 61 AlaLeuProValAlaLeuValSerSerLeuGluGlnAlaAlaSerHisArgGlyAraHisGlu 80
DB 230 GCTTTGCTGTAGCCCTGGTGTTCAGCCTGGAGGCGAGAACGCCACAGGGGGAGCGAG 287
QY 81 ArgProSerAlaThrThrGlnCysProValLeuArgProGluGluValLeuGluAlaAsp 107
DB 299 AGGCCCTCAGCTAGACACCAGCGAGCGCGGTGCTGGCGGCGGAGAGCTGTGGAGGACAG 342
QY 101 ThrHisGlnArgSerIleSerProTrpArgTyrArgValAspThrAspGluAspArgTyr 127
DB 350 ACCCACCAGCGCTCATCTCACTCCCTGGAGATPACGCTGTGGACACGAGAGACCGCTAT 400
QY 121 ProGlnLysLeuAlaPheAlaGluCysLeuCysAsnArgGlyCysIleAspAlaArgThrGly 144
DB 410 CCACGAAAGCTGGCTTGGCCGAGGCGCTGTGCACAGAGCTGTATCGAAGCAGGCGGGG 466
QY 141 ArgGluThrAlaAlaLeuAsnSerValArgLeuLeuGlnSerLeuLeuValLeuArgArg 166
DB 470 CGCGAGACAGCTGGCGCTCACTCCGTGGCGGTGCTGCCAGAGGCTGCTGGTGGCGGCC 522
QY 161 ArgProCysSerArgAspGlySerGlyLeuProThrProGlyAlaPheAlaPheHisThr 186
DB 530 CGGCGCTGGTCCCGGAGAGGCGTGGGGGCTCCCGACACTGGGGGCGCTTTGGCTTCACACC 588
QY 181 GluPheIleHisValProValGlyCysThrCysValLeuProArgSerVal 197
DB 590 GAGTTCATCACAGTCCCGTGGCTGCACACTGGCTGTGCCCGCTTCAGTGT 640

RESULT 4
US-10-000-157-3
; Sequence 3, Application US/10000157
; Publication No. US20020182673A1
; GENERAL INFORMATION:
; APPLICANT: Filaroff, Ellen
; APPLICANT: Chen, Jian
; APPLICANT: Filaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul L.
; APPLICANT: Grimaldi, J. Christopher

```

APPLICANT: Gurney, Austin
 APPLICANT: Li, Hanzhong
 APPLICANT: Hillan, Kenneth J
 APPLICANT: Hymowitz, Sarah
 APPLICANT: Tumas, Daniel
 APPLICANT: Starovastnik, Melissa
 APPLICANT: Vandlen, Richard
 APPLICANT: Matanabe, Colin
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William
 APPLICANT: Vansura, Daniel
 TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF
 FILE REFERENCE: F1381R1C1P4(US)
 CURRENT APPLICATION NUMBER: US/10/000,157
 PRIOR FILING DATE: 2001-10-30
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/113621
 PRIOR FILING DATE: 1998-12-23
 PRIOR APPLICATION NUMBER: 60/130232
 PRIOR FILING DATE: 1999-04-21
 PRIOR APPLICATION NUMBER: 60/131022
 PRIOR FILING DATE: 1999-04-26
 PRIOR APPLICATION NUMBER: 60/134287
 PRIOR FILING DATE: 1999-05-14
 PRIOR APPLICATION NUMBER: 60/136387
 PRIOR FILING DATE: 1999-06-09
 PRIOR APPLICATION NUMBER: 60/172096
 PRIOR FILING DATE: 1999-12-23
 PRIOR APPLICATION NUMBER: 60/175481
 PRIOR FILING DATE: 2000-01-11
 PRIOR APPLICATION NUMBER: 60/191007
 PRIOR FILING DATE: 2000-03-21
 PRIOR APPLICATION NUMBER: 60/213807
 PRIOR FILING DATE: 2000-06-22
 PRIOR APPLICATION NUMBER: 60/242837
 PRIOR FILING DATE: 2000-10-24
 PRIOR APPLICATION NUMBER: 60/244072
 PRIOR FILING DATE: 2000-10-26
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 PRIOR FILING DATE: 2000-11-28
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 PRIOR FILING DATE: 1999-05-14
 PRIOR APPLICATION NUMBER: 09/380138
 PRIOR FILING DATE: 1999-08-25
 PRIOR APPLICATION NUMBER: 09/380142
 PRIOR FILING DATE: 1999-08-25
 PRIOR APPLICATION NUMBER: 09/644848
 PRIOR FILING DATE: 2000-08-22
 PRIOR APPLICATION NUMBER: 09/747259
 PRIOR FILING DATE: 2000-12-20
 PRIOR APPLICATION NUMBER: 09/816744
 PRIOR FILING DATE: 2001-03-22
 PRIOR APPLICATION NUMBER: 09/854208
 PRIOR FILING DATE: 2001-05-10
 PRIOR APPLICATION NUMBER: 09/854280
 PRIOR FILING DATE: 2001-05-10
 PRIOR APPLICATION NUMBER: 09/874503
 PRIOR FILING DATE: 2001-06-05
 PRIOR APPLICATION NUMBER: 09/908827
 PRIOR FILING DATE: 2001-07-18
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 09/929404
 PRIOR FILING DATE: 2001-08-13
 PRIOR APPLICATION NUMBER: 09/931836
 PRIOR FILING DATE: 2001-08-16
 PRIOR APPLICATION NUMBER: PCT/US99/05028
 PRIOR FILING DATE: 1999-03-08
 PRIOR APPLICATION NUMBER: PCT/US99/10733
 PRIOR FILING DATE: 1999-05-14
 PRIOR APPLICATION NUMBER: PCT/US99/31274

PRIOR FILING DATE: 1999-12-30
 PRIOR APPLICATION NUMBER: PCT/US00/04341
 PRIOR FILING DATE: 2000-02-18
 PRIOR APPLICATION NUMBER: PCT/US00/05601
 PRIOR FILING DATE: 2001-03-01
 PRIOR APPLICATION NUMBER: PCT/US00/05841
 PRIOR FILING DATE: 2000-03-02
 PRIOR APPLICATION NUMBER: PCT/US00/07532
 PRIOR FILING DATE: 2000-03-21
 PRIOR APPLICATION NUMBER: PCT/US00/15264
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 PRIOR APPLICATION NUMBER: PCT/US01/17800
 PRIOR FILING DATE: 2001-06-01
 PRIOR APPLICATION NUMBER: PCT/US01/19692
 PRIOR FILING DATE: 2001-06-20
 PRIOR APPLICATION NUMBER: PCT/US01/21066
 PRIOR FILING DATE: 2001-06-29
 PRIOR APPLICATION NUMBER: PCT/US01/21735
 PRIOR FILING DATE: 2001-07-09
 NUMBER OF SEQ ID NOS: 39
 SEQ ID NO: 3
 LENGTH: 1047
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-000-157-3
 Alignment Scores:
 Pred. No.: 2,01e-89 Length: 1047
 Score: 1073.00 Matches: 197
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 Gaps: 0
 US-09-854-280-3 (1-197) x US-10-000-157-3 (1-1047)
 QY 1 MetThrLeuLeuProGlyLeuLeuPheLeuThrTrpLeuIstThrCysLeuAlaIstHis 20
 DB 50 ATGACGCTCTCCCGGCGCTCCGTTTGTGACCTGGCTGACATGCTGGCCACCAT 109
 QY 21 AspProSerLeuAlaGlyIstProHisSerHisGlyThrProHisCysTyrSerAlaGly 40
 DB 110 GACCCCTCCCTCAGGGGGACCCGCCACAGTCCAGGACCCGACCTGCTACGCGGTAG 169
 QY 41 GluLeuProLeuGlyGlnAlaLeuProHisLeuAlaLeuAlaSerHisGlyAlaGlyTrpGln 60
 DB 170 GAAGTCCCTCCGCGGACAGGCCCCACAGCTGCTGGCTCAGAGGAGGAGGAGGAG 229
 QY 61 AlaLeuProValAlaLeuValSerSerLeuGlnAlaAlaSerHisGlyAlaGlyTrpGln 80
 DB 230 GCTTTCCTGTAGCCCTGGTGTGTCAGCTGAGGACAGCAGACCCACAGGAGGAGGAG 289
 QY 81 ArgProSerAlaThrThrGlnCysProValLeuAlaTrpProGluGluValLeuGluAlaAsp 100
 DB 290 AGGCGCTCAGCTACGACCCAGTCCGCGTGTGGCGGAGGAGGAGGAGGAGGAGGAG 349
 QY 101 ThrHisGlnArgSerIleSerProTrpArgTyrAlaGlyAlaSerHisGlyAlaGlyTrpGln 120
 DB 350 ACCGACCGCGCTCAGTCCAGTCCGCTGAGATACCGTGTGACACAGGAGGAGGAGGAG 409
 QY 121 ProGlnIstLeuAlaPheAlaGlnCysLeuGlyAlaGlyIstLeuAlaGlyTrpGln 140
 DB 410 CCACGAGAGGCTGCTTCCGCGAGTGTGCTGTGACAGAGGAGTGTGATGATGACGAGGAG 469


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1 PRIOR APPLICATION NUMBER: 60/132379
2 PRIOR FILING DATE: 1999-05-04
3 PRIOR APPLICATION NUMBER: 60/132383
4 PRIOR FILING DATE: 1999-05-04
5 PRIOR APPLICATION NUMBER: 60/135750
6 PRIOR FILING DATE: 1999-05-25
7 PRIOR APPLICATION NUMBER: 60/138166
8 PRIOR FILING DATE: 1999-06-08
9 PRIOR APPLICATION NUMBER: 60/144791
10 PRIOR FILING DATE: 1999-07-20
11 PRIOR APPLICATION NUMBER: 60/146970
12 PRIOR FILING DATE: 1999-08-03
13 PRIOR APPLICATION NUMBER: 60/162506
14 PRIOR FILING DATE: 1999-10-29
15 PRIOR APPLICATION NUMBER: 09/311832
16 PRIOR FILING DATE: 1999-05-14
17 PRIOR APPLICATION NUMBER: 09/380142
18 PRIOR FILING DATE: 1999-08-25
19 PRIOR APPLICATION NUMBER: 09/644848
20 PRIOR FILING DATE: 2000-08-22
21 PRIOR APPLICATION NUMBER: 09/747259
22 PRIOR FILING DATE: 2000-12-20
23 PRIOR APPLICATION NUMBER: 09/816744
24 PRIOR FILING DATE: 2001-03-22
25 PRIOR APPLICATION NUMBER: 09/854208
26 PRIOR FILING DATE: 2001-05-10
27 PRIOR APPLICATION NUMBER: 09/854280
28 PRIOR FILING DATE: 2001-05-10
29 PRIOR APPLICATION NUMBER: 09/874503
30 PRIOR FILING DATE: 2001-06-05
31 PRIOR APPLICATION NUMBER: 09/869599
32 PRIOR FILING DATE: 2001-06-29
33 PRIOR APPLICATION NUMBER: 09/9308, 827
34 PRIOR FILING DATE: 2001-07-18
35 PRIOR APPLICATION NUMBER: PCT/US99/107333
36 PRIOR FILING DATE: 1999-05-14
37 PRIOR APPLICATION NUMBER: PCT/US99/285518
38 PRIOR FILING DATE: 1999-12-02
39 PRIOR APPLICATION NUMBER: PCT/US99/307200
40 PRIOR FILING DATE: 1999-12-22
41 PRIOR APPLICATION NUMBER: PCT/US00/056001
42 PRIOR FILING DATE: 2000-03-01
43 PRIOR APPLICATION NUMBER: PCT/US00/058411
44 PRIOR FILING DATE: 2000-03-02
45 PRIOR APPLICATION NUMBER: PCT/US00/140424
46 PRIOR FILING DATE: 2000-05-22
47 PRIOR APPLICATION NUMBER: PCT/US00/152666
48 PRIOR FILING DATE: 2000-06-02
49 PRIOR APPLICATION NUMBER: PCT/US00/235222
50 PRIOR FILING DATE: 2000-08-23
51 PRIOR APPLICATION NUMBER: PCT/US00/233282
52 PRIOR FILING DATE: 2000-08-24
53 PRIOR APPLICATION NUMBER: PCT/US00/326787
54 PRIOR FILING DATE: 2000-12-01
55 PRIOR APPLICATION NUMBER: PCT/US00/349566
56 PRIOR FILING DATE: 2000-12-20
57 PRIOR APPLICATION NUMBER: PCT/US01/065202
58 PRIOR FILING DATE: 2001-02-28
59 PRIOR APPLICATION NUMBER: PCT/US01/178000
60 PRIOR FILING DATE: 2001-06-01
61 PRIOR APPLICATION NUMBER: PCT/US01/196922
62 PRIOR FILING DATE: 2001-06-20
63 PRIOR APPLICATION NUMBER: PCT/US01/210666
64 PRIOR FILING DATE: 2001-06-29
65 PRIOR APPLICATION NUMBER: PCT/US01/217355
66 PRIOR FILING DATE: 2001-07-09
67 NUMBER OF SEQ ID NOS: 80
68 SEQ ID NO 10
69 LENGTH: 1047
70 TYPE: DNA
71 ORGANISM: Homo Sapien
72 US-10-036-041-10

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Pred. No.: 2.01e-89
Score: 1073.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 100.00%
DB: 9
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Length:      1047
Matches:      197
Conservative: 0
Mismatch:     0
Indels:       0
Gaps:         0

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03 03 834-280-3 (1-197) X US-10-036-041-10 (1-1047)

QY	1	MetThrIleuLeuProGlyIleuLeuPheLeuThrTrpPheHisThrCysLeuAlaHis	20
Db	50	ATGACGCTCTCCCGGCGCTCTGTTTTCGACCTGGCTGCACACATGCTGGCCACCAT	100
QY	21	AspProSerIleuArgIyHisProHisSerHisGlyThrProHisCysTyrSerAlaIu	40
Db	110	GACCCCTCCCTCAGGGGGGACCCCCACATCAGGTACCCCACTGCTACTCGGGTAG	160
QY	41	GluLeuProLeuGlyAlaAlaProProHisIleuLeuAlaArgIyAlaTyrIpiGln	60
Db	170	GAACGTGCCCCCGGCACAGGCCCCCCACACCTGCTGCGAGTCCCACTGGGGGAC	220
QY	61	AlaLeuProValAlaLeuValSerSerIleuGlyAlaAlaSerHisArgGlyArgHisGlu	80
Db	230	GCTTTCCTGTRACCTGGTGTGCACCTGGAGGACAGCAACCCACAGGGGAGGCACAG	280
QY	81	ArgProSerAlaThrThrGlnCysProValLeuArgProGluGluValLeuGlyAlaAsp	100
Db	290	AGCGCCCTCAGTACAGCCACAGTGGCCGGTGGCGCCGAGGAGGGTGTGGAGCAGAC	340
QY	101	ThrHisGlnArgSerIleSerProTrpArgTyrArgValAspThrAspGluAspArgTyr	120
Db	350	ACCACCAAGCGCTCATCTTCACTCCGTGAGATACCGTGTGGACACGGATGAGACCGCTAT	400
QY	121	ProGlnIysLeuAlaPheAlaGlyCysLeuCysArgGlyIysIleAspAlaArgThrGly	140
Db	410	CCACAGAGCGTGGCGCTTGCGCGAGTGGCTGTGCAGAGGGCTGTATCATATGACGACGAGCGGC	460
QY	141	ArgGluThrAlaAlaLeuAsnSerValArgLeuLeuGlnSerIleuLeuValLeuArgGly	160
Db	470	CGCAGACAGCTGTGGCTCACTCCGTGGCGCTCTCCAGAGCTGCTGGTGGTGGCCGCC	520
QY	161	ArgProCysSerArgAspGlySerGlyLeuProThrProGlyAlaPheAlaPheHisThr	180
Db	530	CGGCGCTGCTCCCGCAGAGCGCTGGGGCTCCCAACATCGGGGCGCTTGGCTTCCACACCC	580
QY	181	GluPheIleHisValProValGlyCysThrCysValLeuProArgSerVal	197
Db	590	GAGTTCATTCACGCTCCCGTGGCTGCACCTGGTGTCTCCCGGTTCAGTG	640

US-09-747-259-3
; Sequence 3, Application US/09747259
; Publication No. US20030008815A1
; GENERAL INFORMATION.

APPLICANT: Chen, Jian
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul
 APPLICANT: Grimaldi, Christopher
 APPLICANT: Gurney, Austin
 APPLICANT: Li, Hanzhong
 APPLICANT: Hillan, Kenneth
 APPLICANT: Tumas, Daniel
 APPLICANT: Vanloockeren, Menno
 APPLICANT: Vanden, Richard
 APPLICANT: Watanabe, Collin
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William
 APPLICANT: Yansura, Daniel
 TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF

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1 FILE REFERENCE: PI381R1CPI(US)
2 CURRENT APPLICATION NUMBER: US/09/747,255
3 CURRENT FILING DATE: 2000-12-20
4 PRIOR APPLICATION NUMBER: US 09/311,832
5 PRIOR FILING DATE: 1999-05-14
6 PRIOR APPLICATION NUMBER: US 60/172,096
7 PRIOR FILING DATE: 1999-12-23
8 PRIOR APPLICATION NUMBER: PCT/US99/31274
9 PRIOR FILING DATE: 1999-12-30
10 PRIOR APPLICATION NUMBER: US 60/175,481
11 PRIOR FILING DATE: 2000-01-11
12 PRIOR APPLICATION NUMBER: PCT/US00/04341
13 PRIOR FILING DATE: 2000-02-18
14 PRIOR APPLICATION NUMBER: PCT/US00/05841
15 PRIOR FILING DATE: 2000-03-02
16 PRIOR APPLICATION NUMBER: US 60/191,007
17 PRIOR FILING DATE: 2000-03-21
18 PRIOR APPLICATION NUMBER: PCT/US00/07532
19 PRIOR FILING DATE: 2000-03-21
20 PRIOR APPLICATION NUMBER: PCT/US00/15264
21 PRIOR FILING DATE: 2000-06-02
22 PRIOR APPLICATION NUMBER: US 60/213,087
23 PRIOR FILING DATE: 2000-06-22
24 PRIOR APPLICATION NUMBER: US 09/644,848
25 PRIOR FILING DATE: 2000-08-22
26 PRIOR APPLICATION NUMBER: PCT/US00/23328
27 PRIOR FILING DATE: 2000-08-24
28 PRIOR APPLICATION NUMBER: US 60/242,837
29 PRIOR FILING DATE: 2000-10-24
30 PRIOR APPLICATION NUMBER: PCT/US00/30873
31 PRIOR FILING DATE: 2000-11-10
32 PRIOR APPLICATION NUMBER: US 60/253,646
33 PRIOR FILING DATE: 2000-11-28
34 PRIOR APPLICATION NUMBER: PCT/US00/32678
35 PRIOR FILING DATE: 2000-12-01
36 NUMBER OF SEQ ID NOS: 39
37
38 SEQ ID NO 3
39
40 LENGTH: 1047
41
42 TYPE: DNA
43
44 ORGANISM: Homo Sapien
45
46 US-09-747-259-3

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; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-09-747-259-3

Alignment Scores:	
Pred. No.:	2, 01e+89
Score:	1073.00
Percent Similarity:	100.00%
Best Local Similarity:	100.00%
Query Match:	100.00%
DB:	9
	Gaps:
US-09-854-280-3 (1-197) x US-09-747-255-3 (1-1047)	Length: 104
	Matches: 197
	Conservative: 0
	Mismatches: 0
	Indels: 0
	Gaps: 0

08-09-854-280-3 (1-197) x US-09-747-259-3 (1-1047)

QY	1	MethIleuLeuProGlyLeuIleuPheLeuThrTrpLeuHisThrCysLeuAlaHisHis	20
Db	50	ATGAGCTGCTCCCGCGGCTCTGTTTGTGACCTGAGCTGCACACATGCTGGCCACCAT	109
QY	21	AspProSerLeuArgGlyHisProHisSerHisGlyThrProHisCysTyrSerAlaGlu	40
Db	110	GACCCCTCCCTCAGGGGGGACCCCCACACAGTCAGGATACCCACACTGCTACTCGGCTAG	168
QY	41	GluIleuProLeuGlyGlyAlaAlaProProHisIleuLeuAlaArgGlyAlaLysTrpGlyGln	60
Db	170	GAACCTGCGCTGGCGCAGGCCCGCCACACACTCTGGCTGAGGGGCCACACTGGGGGACAG	229
QY	61	AlaLeuProValAlaIleuValIleSerSerLeuGluAlaAlaSerHisArgGlyArgHisGlu	80
Db	230	GCTTTCCCTGTAAGCCCTGCTGCTCCACGCTCGAGGACGACCAAGCCACAGGGGAGGACACAGAC	289
QY	81	ArgProSerAlaThrThrGlnCysProValLeuArgProGlyGlyValLeuGluAlaAsp	100
Db	290	AGGCCCTCAGCTACGACCCAGTGCGCGGTCTCTCGCGGAGAGGTCTTGAGAGCAGAC	349
QY	101	ThrHisGlnArgSerIleSerProTlpaArgTyrAlaArgValAspThrAspGluAspArgTyr	120

PRIOR APPLICATION NUMBER: 60/131272
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/132371
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03

; PRIOR FILING DATE: 1999-10-29
 ; PRIOR APPLICATION NUMBER: 09/311832 -

PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142

PRIOR FILING DATE: 1999-08-25

PRIOR APPLICATION NUMBER: 09/644848

PRIOR FILING DATE: 2000-08-22

PRIOR FILING DATE: 2000-12-30

PRIOR APPLICATION NUMBER: 09/816744

PRIOR FILING DATE: 2001-03-22

PRIOR APPLICATION NUMBER: 09/854208

; PRIOR FILING DATE: 2001-05-10

;
PRIOR APPLICATION NUMBER: 09/854280

PRIOR FILING DATE: 2001-05-10

PRIOR APPLICATION NUMBER: 09/814503

PRIOR APPLICATION NUMBER: 09/869599

PRIOR FILING DATE: 2001-06-29

PRIOR APPLICATION NUMBER: 09/908,827

PRIOR FILING DATE: 2001-07-18

; PRIOR APPLICATION NUMBER: PCT/US99/107333

; PRIOR FILING DATE: 1999-05-14

PRIOR APPLICATION NUMBER: PCT/US99/28551

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30/2000
PRIOR FILING DATE: 1999-12-23

PRIOR APPLICATION NUMBER: PCT/US00/05601

PRIOR FILING DATE: 2000-03-01

PRIOR APPLICATION NUMBER: PCT/US00/058411

PRIOR FILING DATE: 2000-03-02

; PRIOR APPLICATION NUMBER: PCT/US00/14042

PRIOR FILING DATE: 2000-05-22

;; PRIOR APPLICATION NUMBER: PCI/US00/13264

PRIOR APPLICATION NUMBER: PCT/US00/23522

PRIOR FILING DATE: 2000-08-23

; PRIOR APPLICATION NUMBER: PCT/US00/23328

;
PRIOR FILING DATE: 2000-08-24

PRIOR APPLICATION NUMBER: PCT/US00/32678

PRIOR FILING DATE: 2000-12-01

PRIOR FILING DATE: 2000-12-20

PRIOR APPLICATION NUMBER: PCT/US01/06520

PRIOR FILING DATE: 2001-02-28

PRIOR APPLICATION NUMBER: PCT/US01/178000

; PRIOR FILING DATE: 2001-06-01

; PRIOR APPLICATION NUMBER: PCT/US01/196922

PRIOR FILING DATE: 2001-06-20

PRIOR APPLICATION NUMBER: PCI/US01/210666
PRIOR FILING DATE: 2001-06-20

PRIOR APPLICATION NUMBER: PCT/US01/21735

PRIOR FILING DATE: 2001-07-09

NUMBER OF SEQ ID NOS: 80

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; SEQ ID NO 10
; LENGTH: 1047
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-035-855-10

Alignment Scores:
Pred. No.: 2,01e-89
Score: 1073.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 100.00%
DB: 9
Length: 1047
Matches: 197
Conservative: 0
Mismatch: 0
Indels: 0
Gaps: 0

US-09-854-280-3 (1-197) x US-10-035-855-10 (1-1047)

QY 1 MetThrLeuLeuProGlyLeuLeuPheLeuThrTrpLeuHisThrCysLeuAlaHisHis 20
Db 50 ATGAGCGCTCTCCCGGCTCTCTTTCTGACCTGGCTGCACACATGCTGGCCACCAT 109
QY 21 AspProSerLeuArgGlyHisProHisSerHisGlyThrProHisCysTyrrSerAlaGlu 40
Db 110 GACCCCTCCCTCAGGGGACACCCACAGTACAGGTACCCACACTCTCTCTGGCTGAG 169
QY 41 GluLeuProLeuGlyGlnAlaProProHisLeuLeuAlaArgGlyAlaLysTrpGlyGln 60
Db 170 GAACCTGCCCTCGGCGACAGGCCCCCACCACCTGCTGCTGAGGTGCCAAGTGGGGGAG 229
QY 61 AlaLeuProValAlaLeuValSerLeuGluAlaAlaSerHisArgGlyArgHisGlu 80
Db 230 GCTTGGCTGTAGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 289
QY 81 ArgProSerAlaThrThrGlnCysProValLeuArgProGluGluValLeuGluAlaAsp 100
Db 290 AGGCGCTCTACCTAGCAGCCAGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 349
QY 101 ThrHisGlnArgSerLeuSerProTrpArgTrpArgAlaAspThrAspLysAspArgTyr 120
Db 350 ACCGACGAGGCTCCATCTACCTGAGATACCGTGTGAGACAGGATGAGGACCGCTAT 409
QY 121 ProGlnLysLeuAlaPheAlaGluCysLeuGlyCysArgGlyCysIleAspAlaArgThrGly 140
Db 410 CCACAGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 469
QY 141 ArgGluThrAlaAlaLeuAsnSerValArgLeuLeuGlnSerLeuLeuValLeuArgArg 160
Db 470 CGGAGACAGCTCGCTCACTCCGTCGCGGCTGCTCCAGAGCTCTGCTGCTGCTGCTGCTG 529
QY 161 ArgProCysSerArgAspLysSerGlyLeuProThrProGlyAlaPheAlaPheHisThr 180
Db 530 CGGCGCTGCTCCCGGAGCGGCTGCGGGCTGCCACACCTGGGGGCTTTGCCCTTCCACACC 589
QY 181 GluPheIleHisValProValGlyCysThrCysValLeuProArgSerVal 197
Db 590 GAGTTTCATCCAGCTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 640

RESULT 8
US-10-174-590-447
; Sequence 447, Application US/10174590
; Publication No. US20030008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
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; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C42
; CURRENT APPLICATION NUMBER: US/10/174,590
; CURRENT FILING DATE: 2002-06-18
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 447
; LENGTH: 1047
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-174-590-447

Alignment Scores:
Pred. No.: 2,01e-89
Score: 1073.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 100.00%
DB: 9
Length: 1047
Matches: 197
Conservative: 0
Mismatch: 0
Indels: 0
Gaps: 0

US-09-854-280-3 (1-197) x US-10-174-590-447 (1-1047)

QY 1 MetThrLeuLeuProGlyLeuLeuPheLeuThrTrpLeuHisThrCysLeuAlaHisHis 20
Db 50 ATGAGCGCTCTCCCGGCTCTCTTTCTGACCTGGCTGCACACATGCTGGCCACCAT 109
QY 21 AspProSerLeuArgGlyHisProHisSerHisGlyThrProHisCysTyrrSerAlaGlu 40
Db 110 GACCCCTCCCTCAGGGGACACCCACAGTACAGGTACCCACACTCTCTCTGGCTGAG 169
QY 41 GluLeuProLeuGlyGlnAlaProProHisLeuLeuAlaArgGlyAlaLysTrpGlyGln 60
Db 170 GAACCTGCCCTCGGCGACAGGCCCCCACCACCTGCTGCTGAGGTGCCAAGTGGGGGAG 229
QY 61 AlaLeuProValAlaLeuValSerLeuGluAlaAlaSerHisArgGlyArgHisGlu 80
Db 230 GCTTGGCTGTAGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 289
QY 81 ArgProSerAlaThrThrGlnCysProValLeuArgProGluGluValLeuGluAlaAsp 100
Db 290 AGGCGCTCTACCTAGCAGCCAGTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 349
QY 101 ThrHisGlnArgSerLeuSerProTrpArgTrpArgAlaAspThrAspLysAspArgTyr 120
Db 350 ACCGACGAGGCTCCATCTACCTGAGATACCGTGTGAGACAGGATGAGGACCGCTAT 409
QY 121 ProGlnLysLeuAlaPheAlaGluCysLeuGlyCysArgGlyCysIleAspAlaArgThrGly 140
Db 410 CCACAGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 469
QY 141 ArgGluThrAlaAlaLeuAsnSerValArgLeuLeuGlnSerLeuLeuValLeuArgArg 160
Db 470 CGGAGACAGCTCGCTCACTCCGTCGCGGCTGCTCCAGAGCTCTGCTGCTGCTGCTGCTG 529
QY 161 ArgProCysSerArgAspLysSerGlyLeuProThrProGlyAlaPheAlaPheHisThr 180
Db 530 CGGCGCTGCTCCCGGAGCGGCTGCGGGCTGCCACACCTGGGGGCTTTGCCCTTCCACACC 589
QY 181 GluPheIleHisValProValGlyCysThrCysValLeuProArgSerVal 197
Db 590 GAGTTTCATCCAGCTCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 640

RESULT 9
US-10-176-758-447
; Sequence 447, Application US/10176758
; Publication No. US20030008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
```

```

1  APPLICANT: Pan,James
2  APPLICANT: Smith,Victoria
3  APPLICANT: Matanabe,Colin K.
4  APPLICANT: Wood,William I.
5  APPLICANT: Zhang,Zemai
6  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
7  TITLE OF INVENTION: ACIDS ENCODING THE SAME
8  FILE REFERENCE: P3430R1C104
9  CURRENT APPLICATION NUMBER: US/10/176,758
10  CURRENT FILING DATE: 2002-06-21
11  Prior Application removed - See file wrapper or Palm
12  NUMBER OF SEQ ID NOS: 612
13  SEQ ID NO 447
14  LENGTH: 1047
15  TYPE: DNA
16  ORGANISM: Homo Sapien
17  US-10-176-758-447
18
19  Alignment Scores:
20  Pred. NO: 2.01e-89
21  Score: 1073.00
22  Percent Similarity: 100.00%
23  Best Local Similarity: 100.00%
24  Query Match: 100.00%
25  Db: 9
26  Gaps: 0
27
28  US-09-854-280-3 (1-197) x US-10-176-758-447 (1-1047)
29
30  Qy 1 MethrleuLeuProGlyIleuLeuPheLeuThrTrpIleuHisThrCysLeuAlaHisHis 20
31  Db 50 ATGAGGCTCCCTCCCGGGCTCTCTTTCTGACCTGGCTGCACATGCTGGCCACCAT 109
32
33  Qy 21 AspProSerLeuArgGlyHisProHisSerHisGlyThrProHisCysTySerAlaGlu 40
34  Db 110 GACCCCTCCCTCAGAGGGGACACCCACAGTCAGGTAACCCACACTGCTACTCGGCTGAG 169
35
36  Qy 41 GluLeuProLeuGlyGlnAlaProProHisLeuLeuAlaArgGlyAlaValTrpGlyGln 60
37  Db 170 GACTGCCCCCTGGCCAGGCCCCCCACACCTGCTGCTGAGGTGCCAAGTGGGGCAG 229
38
39  Qy 61 AlaLeuProValAlaLeuValSerLeuGluAlaAlaSerHisArgGlyArgHisGlu 80
40  Db 230 GCTTGGCTGAGCCCTGGTGTCTCAGCCTGAGGACAGAACCCACAGGGGAGGACAGAG 289
41
42  Qy 81 ArgProSerAlaThrThrGlnCysProValAlaArgProGluGluValLeuGluAlaAsp 100
43  Db 290 AGGCCCTCAGCTAGCACCAGCCAGTGGCCGGTCTGGCGCCGAGGAGGGTGTGAGGACGAC 349
44
45  Qy 101 ThrHisGlnArgSerTieserProTrpArgTyrArgAlaAspHisArgSerGluAspArgTyr 120
46  Db 350 ACCCACAGCCCTCACTCTCACCTCGAGATACCGGTGTGACACGGGTAGGACCGCTAT 409
47
48  Qy 121 ProGlnIysLeuAlaPheAlaGluCysLeuGlnCysArgGlyCysIleAspAlaArgThrGly 140
49  Db 410 CCACAGAAAGCTGGCCCTTGGCGAGATGCTGTGCAGAGGCGTATGCATGCACGGAGCGGC 469
50
51  Qy 141 ArgGluThrAlaAlaLeuAsnSerValArgLeuLeuGlnSerLeuLeuValLeuArgArg 160
52  Db 470 CGCAGAGACAGTGGCTCACTCTCCGTGGCTGTCTCCAGAGACCTGTGGTGGTGGCCGC 529
53
54  Qy 161 ArgProCysSerArgAspGlySerGlyIleuProThrProGlyAlaPheAlaPheHisThr 180
55  Db 530 CGGGCCCTGGCTCCCGCGAGGGGTCCGGGCTCCCCACACCTGGGGCTTTGGCTTCCACACC 589
56
57  Qy 181 GluPheIleHisValProValGlyCysThrCysValLeuProArgSerVal 197
58  Db 590 GAGTTACATCCAGTCCCGCGTGGCTGCACCTGGGTGCTGGCCGCTTACAGTG 640
59
60  RESULT 10
61  US-10-175-737-447
62  : Sequence 447, Application US/10175737
63  : GENERAL INFORMATION:
64  : US2003003135A1

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	APPLICANT:	Baker, Kevin P.	
	APPLICANT:	Chen, Jian	
	APPLICANT:	Desnoyers, Luc	
	APPLICANT:	Goddard, Audrey	
	APPLICANT:	Godowski, Paul J.	
	APPLICANT:	Gurney, Austin L.	
	APPLICANT:	Pan, James	
	APPLICANT:	Smith, Victoria	
	APPLICANT:	Watanabe, Colin K.	
	APPLICANT:	Wood, William I.	
	APPLICANT:	Zhang, Zhenli	
	TITLE OF INVENTION:	SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC	
	FILE REFERENCE:	P3430R1C50	
	CURRENT APPLICATION NUMBER:	US/10/175,737	
	Prior Application removed -	See file Wrapper or Palm	
	NUMBER OF SEQ ID NOS:	612	
	SEQ ID NO 447		
	LENGTH:	1047	
	TYPE:	DNA	
	ORGANISM:	Homo Sapien	
	US-10-175-737-447		
	Alignment Scores:		
	Pred. No.:	2,01e-89	Length: 1047
	Score:	1073.00	Matches: 197
	Percent Similarity:	100.00%	Conservative: 0
	Best Local Similarity:	100.00%	Mismatches: 0
	Query Match:	100.00%	Indels: 0
	DB:	9	Gaps: 0
US-09-854-280-3 (1-197) x US-10-175-737-447 (1-1047)			
Qy	1	MethrIleuLeuProGlyIleuLeuPheLeuThrIleuHisThrCysLeuAlaHisHis	20
Db	50	ATGACGCTCTCCCGGCGGCTCTCTTCTGACCTGGCTGCACATGCTGGCCACCAT	1099
Qy	21	AspProSerIleuAArgGlyHisProHisSerHisGlyThrProHisCysTryrSerAlaGlu	40
Db	110	GACCCCTCCCTCAGGGGGGACCCCCACAGTCAGGTACCCACACCTGCTGAGTGCACATCGTGGCTGAG	1699
Qy	41	GluLeuProLeuGlyGlnAlaProProHisIleuLeuAlaArgGlyAlaIleuValTyrPglyGln	60
Db	170	GACATGCCCTTCGGGCGAGGCCCCCACACCTGCTGAGTGCACATCGTGGCTGAGTGCACATCGTGGCTGAG	2299
Qy	61	AlaLeuProValAlaIleuValSerSerIleuGlnAlaIleuSerHisArgIleuValGlu	80
Db	230	GCTTTGGCTTGAACCTCGTGTCTTCAGCCTTGAGGCAACCAAGCCAGGGGAGGACAGAG	2899
Qy	81	ArgProSerAlaThrThrGlnCysProValIleuArgProGluGluValIleuGluAlaAsp	1000
Db	290	AGGGCTCAGCTACGACCCAGCTGCGGGTGTGCGGCGGAGGAGGCTTGGAGGACAGAC	3499
Qy	101	ThrHisGlnAlaGSerIleSerProTyrPargTyrArgValAspThrAspGluAspArgTyr	1200
Db	350	ACCACACGCGCTCATCTCACCTCGAGATACCGTGTGACACAGCATGAGACCCGCTAT	4099
Qy	121	ProGlnIleuAlaPheAlaGluCysLeuCysArgGlyIleuValIleuAspAlaArgThrGly	1400
Db	410	CCACGAGAGCTGGGCTTCGCGGAGTGCCTGTGCAGAGGCTGTATCGATGACAGGACGGCC	4699
Qy	141	ArgGluThrAlaAlaIleuAsnSerValArgLeuLeuGlnIleuSerIleuValIleuArgArg	1600
Db	470	CGCGAGACAGCTGGGCTTCACCTCGGTGCGGCTGCTCCAGAGACCTGCTGCTGCGGCGCC	5299
Qy	161	ArgProCysSerArgAspGlySerGlyIleuProThrProGlyAlaPheAlaPheHisThr	1800
Db	530	CGGGCTCTCTCCCGGAGGAGGCTCGGGGCTCCCCACACCTGGGGGCTTTCCTTCCACAC	5899
Qy	181	GluPheIleuHisValProValGlyCysThrCysValIleuProArgSerVal	197
Db	590	GAGTTCAATCCAGTCCCGTGTGAGTGCACCTGGCTGCTGCGGCTTACAGG	640

RESULT 11

US-09-854-280-4

Sequence 4, Application US/09854280

Patent No. US20020052027A1

GENERAL INFORMATION:

APPLICANT: Chen, Jian

APPLICANT: Filvaroff, Ellen

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin

APPLICANT: Li, Hanzhong

APPLICANT: Wood, William I.

TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF

FILE REFERENCE: P1381R1C2

CURRENT APPLICATION NUMBER: US/09/854,280

CURRENT FILING DATE: 2001-05-10

PRIOR APPLICATION NUMBER: US 09/311,832

PRIOR FILING DATE: 1999-05-14

PRIOR APPLICATION NUMBER: US 60/085,579

PRIOR FILING DATE: 1998-05-15

PRIOR APPLICATION NUMBER: US 60/113,621

PRIOR FILING DATE: 1998-12-23

NUMBER OF SEQ ID NOS: 26

SEQ ID NO 4

LENGTH: 1047

TYPE: DNA

ORGANISM: Homo sapiens

US-09-854-280-4

Alignment Scores:

Pred. No.:	2,01e-89	Length:	1047
Score:	1073.00	Matches:	197
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	10	Gaps:	0

US-09-854-280-3 (1-197) x US-09-854-280-4 (1-1047)

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QY 1 MethrleuLeuProGlyLeuLeuPheLeuThrTrpLeuHisThrcysLeuAlaHisHis 20
DB 50 ATGACGCTCTCCCGGCGCTCTGTTCTGACCTGCTGCACATGCTGCGCCACCAT 109
QY 21 AspProSerLeuArgGlyHisProHisSerHisGlyThrProHisCysTyrSerAlaGlu 40
DB 110 GACCCCTCCCTCAGGGGCGACCCCGACAGTCAAGGTAACCCACACTGCTACTGCTGAG 169
QY 41 GluLeuProLeuGlyGlnAlaProProHisLeuLeuAlaArgGlyAlaLysTrpGlyGln 60
DB 170 GAACCTGCTCCCTCGGCGAGCCCGCCACACCTGCTGAGGTGCCAAGTGGGGGCGAG 229
QY 61 AlaLeuProValAlaLeuValSerSerLeuGluAlaAlaSerHisArgGlyValArgHisGlu 80
DB 230 GCTTTCCTGCTAGCCCTGCTGTCACCTGAGGAGGAGCAAGGCGAGGCGAGGAGGAG 289
QY 81 ArgProSerAlaThrThrGlnCysProValLeuArgProGluGluValLeuGluAlaAsp 100
DB 290 AGGCTCTCAGCTACGACCCAGTGGCGGTGCGGCGGAGGAGGAGGAGGAGGAGGAG 349
QY 101 ThrHisGlnArgSerIleSerProThrArgTyrArgValAspThrAspGluAspArgTyr 120
DB 350 ACCGACACGAGCTCATCTCACCCTGGAGATACGCTGGACACGAGTACGAGGAGGAGGAG 409
QY 121 ProGlnLysLeuAlaPheAlaGluCysLeuGlyCysArgGlyCysIleAspAlaArgThrGly 140
DB 410 CCACAGAAAGCTGGCTTGGCGGAGTGGCGAGAGGCTGATGATGATGATGATGATGATG 469
QY 141 ArgGluThrAlaAlaAlaLeuAsnSerValArgLeuLeuGlnIleSerLeuLeuValLeuArgTyr 160
DB 470 CGCGAGACAGCTGCTCAACTCCGCTGGGCTGCTCCAGAGCTGCTGCTGCTGCTGCTG 529
QY 161 ArgProCysSerArgAspGlySerGlyLeuProThrProGlyAlaPheAlaHisThr 180
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DB 530 CGGCTCTGCTCCCGGCGAGCTGCGGGGCTCCCGACACCTGGGGGCTTGGCTTCACACC 589

QY 181 GluPheIleHisValProValGlyCysThrCysValLeuProArgSerVal 197

DB 590 GACTTATTCACGCTCCCGCTGCTGACCTGCGTGGCGGCGGCGGCGGCGGCGGCGG 640

RESULT 12

US-09-854-208-4

Sequence 4, Application US/09854208

Patent No. US20020106743A1

GENERAL INFORMATION:

APPLICANT: Chen, Jian

APPLICANT: Filvaroff, Ellen

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin

APPLICANT: Li, Hanzhong

APPLICANT: Wood, William I.

TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF

FILE REFERENCE: P1381-R1

CURRENT APPLICATION NUMBER: US/09/854,208

CURRENT FILING DATE: 2001-05-10

PRIOR APPLICATION NUMBER: US 09/311,832

PRIOR FILING DATE: 1999-05-14

PRIOR APPLICATION NUMBER: US 60/085,579

PRIOR FILING DATE: 1998-05-15

PRIOR APPLICATION NUMBER: US 60/113,621

PRIOR FILING DATE: 1998-12-23

NUMBER OF SEQ ID NOS: 26

SEQ ID NO 4

LENGTH: 1047

TYPE: DNA

ORGANISM: Homo sapiens

US-09-854-208-4

Alignment Scores:

Pred. No.:	2,01e-89	Length:	1047
Score:	1073.00	Matches:	197
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	10	Gaps:	0

US-09-854-280-3 (1-197) x US-09-854-208-4 (1-1047)

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QY 1 MethrleuLeuProGlyLeuLeuPheLeuThrTrpLeuHisThrcysLeuAlaHisHis 20
DB 50 ATGACGCTCTCCCGGCGCTCTGTTCTGACCTGCTGCACATGCTGCGCCACCAT 109
QY 21 AspProSerLeuArgGlyHisProHisSerHisGlyThrProHisCysTyrSerAlaGlu 40
DB 110 GACCCCTCCCTCAGGGGCGACCCCGACAGTCAAGGTAACCCACACTGCTACTGCTGAG 169
QY 41 GluLeuProLeuGlyGlnAlaProProHisLeuLeuAlaArgGlyAlaLysTrpGlyGln 60
DB 170 GAACCTGCTCCCTCGGCGAGCCCGCCACACCTGCTGAGGTGCCAAGTGGGGGCGAG 229
QY 61 AlaLeuProValAlaLeuValSerSerLeuGluAlaAlaSerHisArgGlyValArgHisGlu 80
DB 230 GCTTTCCTGCTAGCCCTGCTGTCACCTGAGGAGGAGCAAGGCGAGGCGAGGAGGAG 289
QY 81 ArgProSerAlaThrThrGlnCysProValLeuArgProGluGluValLeuGluAlaAsp 100
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		APPLICANT: Desnoyers, Luc	
		APPLICANT: Eaton, Dan L.	
		APPLICANT: Goddard, Audrey	
		APPLICANT: Godowski, Paul J.	
		APPLICANT: Gurney, Austin L.	
		APPLICANT: Pan, James	
		APPLICANT: Stewart, Timothy A.	
		APPLICANT: Watanabe, Colin K.	
		APPLICANT: Wood, William I.	
		APPLICANT: Zhang, Zhenlin	
		TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC	
		FILE REFERENCE: P3030R1C5	
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US-10-036-342-10
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Alignment Scores:

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Genfore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: January 26, 2003, 19:02:25 : Search time 69 seconds
(without alignments)
2626.753 Million cell updates/sec

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Listing first 45 summaries

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3	42.4	7.2	291	US-08-931-858E-201	Sequence 201, App
4	42.4	7.2	291	US-08-931-858E-202	Sequence 202, App
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8	40.8	6.9	291	US-08-931-858E-200	Sequence 200, App
9	40.8	6.9	471	US-08-931-858E-203	Sequence 203, App
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13	38.8	6.6	267	US-08-931-858E-222	Sequence 222, App
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35	35.6	6.0	813	US-08-685-239-1	Sequence 1, Appli
C 36	35.2	6.0	1866	US-08-909-742-1	Sequence 1, Appli
C 37	35.2	6.0	1866	US-09-412-288-1	Sequence 1, Appli
38	35.2	6.0	2807	US-09-302-769-11	Sequence 11, Appli
39	35	5.9	4659	US-08-264-578-10	Sequence 10, Appli
40	35	5.9	20235	US-07-642-734C-3	Sequence 3, Appli
41	35	5.9	20235	US-08-439-009A-3	Sequence 3, Appli
42	34.8	5.9	1654	US-07-914-281-13	Sequence 13, Appli
43	34.8	5.9	1654	US-08-393-246-13	Sequence 13, Appli
44	34.8	5.9	1654	US-08-525-036A-13	Sequence 13, Appli
45	34.8	5.9	1654	US-08-696-731-13	Sequence 13, Appli

ALIGNMENTS

RESULT 1
US-08-681-129-1
: Sequence 1, Application US/08681129
: Patent No. 5738854
: GENERAL INFORMATION:
: APPLICANT: Mettenleiter, Thomas Cristoph
: TITLE OF INVENTION: Pseudorabies virus vaccine
: NUMBER OF SEQUENCES: 2
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Organon Teknika Corporation
: STREET: 1330 Piccard Drive
: CITY: Rockville
: STATE: Maryland
: COUNTRY: U.S.A.
: ZIP: 20850
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/681,129
: FILING DATE:
: CLASSIFICATION: 424
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/244,446
: FILING DATE: 02-JUN-1994
: CLASSIFICATION: 424
: APPLICATION NUMBER: EP 92.203.079.6
: FILING DATE: 06-OCT-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Gornley, Mary E.
: REGISTRATION NUMBER: 34,409
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (301) 258-5200
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1578 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: ORIGINAL SOURCE:
: ORGANISM: Pseudorabies virus
: STRAIN: Kaplan
: US-08-681-129-1
Query Match 7.5%; Score 44.6; DB 1; Length 1578;
Best Local Similarity 46.7%; Pred. No. 0.094;
Matches 177; Conservative 0; Mismatches 199; Indels 3; Gaps 1;

OY	193	GCCTGCGTCCAGGCTGTAGAGACCAACGACGAGGGGAGGACAGAGAGCCCTACGCT	252
Db	457	GCCTTCGTGTACGCCGTAAAGAGGCCCTGCTTCGCGCTGTGTGAGGGGTACCTCTCCGAG	516
OY	253	ACGACCCAGATGCCCGTCTCTCGCGCCGAGAGAGGTGTGGAGCGACACCCACACAGCG	312
Db	517	CTGCCACCTGGCTGCACAGTGTCTACGAGAGGGGCTCTTTGACGGCATCCCGCGTGC	576
OY	313	TTCAATCTACCCCTGGAGATCCGTGTGGACACGGATGAGACCGCTATCCACAGAACTG	372
Db	577	CC---CCGCTCAGGGGAGAGACGGGGCCACGGCCCGTGTGTGAAAGGGGGGGCGCG	633
OY	373	GCCCTTCGCCAGATGCTCTGTGAGAGGCTGTATGCATGCACGAGACGGCGCCGAGACGCT	432
Db	634	GCCCCACGCTGAGGGTCCGCCCGCGCGATCCGACGCGCGCGCTGCGGACAGGTG	693
OY	433	GCGCTCACTCCGTGCGGCTGCTCCAGAGCCCTGTGTGGTGGCGGCGCGCGGCCCTGCTC	492
Db	694	GTCAGCGACTTTGTGCAGGTGCGCTAACATCCCGCGACGCGGGGCGCATCTGTGGGAGACGGC	753
OY	493	CGCGACGCGCTGGGGGCTCCCCACACCTGGGGCCCTTTCCTTCCACACCGATTCATCAAC	552
Db	754	GCGCGAGACCTGCTCCGTGCAGATCTCTGGACCTCGTGCCCGGGGGGAGACGCAATCTG	813
OY	553	GTCGCCGTCGGCTCCACT	571
Db	814	CGCGGGGCCGCGGGCGGCT	832

RESULT 2
US-09-724-864-2
; Sequence 2; Application US/09724864
; Patent No. 6280353

TITLE OF INVENTION: polynucleotides, polypeptides expressed
 by the polynucleotides and methods for their use
 FILE REFERENCE: 11000.105001
 CURRENT APPLICATION NUMBER: US/09/724,864
 CURRENT FILING DATE: 2000-11-28
 PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
 PRIOR FILING DATE: 1999-12-23
 NUMBER OF SEQ ID NOS: 72
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 2
 LENGTH: 1258
 TYPE: DNA
 ORGANISM: Mouse
 IS-09-724-864-2

Query Match	7.38	Score 43	DB 4	Length 1258
Best Local Similarity	52.58	Pred. No. 0.21		
Matches 94	Conservative 0	Mismatches 85	Indels 0	Gaps 0

QY 223 CACAGGGGGAGAGACAGAGAGCCCTCAGCTACAGACCAGTCGCCCGGTGCTCGCGCCGAG 282
Db 291 CTGGGGCCCGCGCGCGCGCGCGCGCAATGTCAGTGTCCCGCGCGAGGGCGCGCGAC 350
QY 283 GAGGTGTTGGAGCGAGACACCACCACAGCGCTCATCTCACCCGAGATACCGTGTGGAC 342
Db 351 CGCCGCTTCGGCGCACCCACCAACCTGCGAGCGTGTGCGCCGTGGCGTACAGATTTC 410
QY 343 ACGGATGAGGACCGCTATCCACAGAGCTTGCCCGACGTGCGCTGTACAGAGCGTG 401
Db 411 TAGACCCGCTGCTGCTTCGAGAGTACTCTCCCGAAGCTACTGCTGTGCGAGCGTG 469

RESULT 3
US-08-931-858E-201/c
; Sequence 201, Application US/08931858E
; Patent No. 6222022

GENERAL INFORMATION:
APPLICANT: JOHNSON, EUGENE M
APPLICANT: MILBRANDT, JEFFREY D
APPLICANT: KOTZBAUER, PAUL T
APPLICANT: LAMPE, PATRICIA A
APPLICANT: KLEIN, ROBERT
APPLICANT: DESAUVAGE, FRED
TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
NUMBER OF SEQUENCES: 239
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAEFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,858E
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 971486
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 201:
SEQUENCE CHARACTERISTICS:
LENGTH: 291 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-931-858E-201

Query Match	7.28	Score 42.4	DB 4	Length 291
Best Local Similarity	55.48	Pred. 0.23		
Matches	82	Conservative	0	Mismatches 66; Indels 0; Gaps 0
QY	361	CCACAGAGCTGGCCCTTGCCCGCCAGTGCCTGTACAGAGGCTGTATGCATCACAGAGCGGC	420	
Db	284	CCACAGCCGAGAGGACAGCCGCCGACAGAGCTGTGGGACACCCGTCACAGCGGTGGGTCATTCG	225	
QY	421	CGCGAGACAGCTGGCGCTCAACTCCGTGGGGCTGTCCAGAGCCCTGTGGTTCGTGGCGGC	480	
Db	224	AGGAGGGCCAGCTCGTATAGAGTGGGGCCGCGACAGGGCCGCCGCGGGGCTCGGGCC	165	
QY	481	CGGCGCTGCTCCCGCGAGCGGCTGGGGGC	508	
Db	164	TGGCCCTCAGCGGGGCCAGCGCCACGGC	137	

RESULT 4
US-08-931-858E-202
Sequence 202, Application US/08931858E
Patent No. 6222022
GENERAL INFORMATION:
APPLICANT: JOHNSON, EUGENE M
APPLICANT: MILBRANDT, JEFFREY D
APPLICANT: KOTZBAUER, PAUL T
APPLICANT: LAMPE, PATRICIA A
APPLICANT: KLEIN, ROBERT
APPLICANT: DESAUVAGE, FRED
TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
NUMBER OF SEQUENCES: 239
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.

```

1 APPLICATION NUMBER: US/08/931,858E
2 FILING DATE:
3 CLASSIFICATION: 435
4 ATTORNEY/AGENT INFORMATION:
5 NAME: HOLLAND, DONALD R.
6 REGISTRATION NUMBER: 35,197
7 REFERENCE/DOCKET NUMBER: 9711486
8 TELECOMMUNICATION INFORMATION:
9 TELEPHONE: 314-727-5188
10 TELEFAX: 314-727-6092
11 INFORMATION FOR SEQ ID NO: 205:
12 SEQUENCE CHARACTERISTICS:
13 LENGTH: 471 base pairs
14 TYPE: nucleic acid
15 STRANDEDNESS: single
16 TOPOLOGY: linear
17 MOLECULE TYPE: CDNA
18 US-08-931-858E-205
19
20 Query Match 7.2% Score 42.4; DB 4; Length 471;
21 Best Local Similarity 55.4%; Pred. No. 0.25;
22 Matches 82; Conservative 0; Mismatches 66; Indels 0; Gaps 0
23
24 Oy 361 CCACGAAGCTGGCCTTGCAGTGCCTGTGCAGAGCTGTATGATCAGCAGAGGGC 420
25 11111 11111 11111 1111 1111 1111
26 Db 464 CCACAGCCGCGAGCAGCGCCGCGAGAGCTGGGGCAGCCGCTGCCACGCGTGGCGGTATCG 405
27
28 Oy 421 CGCGAGACAGCTGCCCTCACTCCGTGCGGGTGCCTTCACAGAGCCTGTGTGTCGCCGCC 480
29 111 111 111 111 111 111 111 111 111 111
30 Db 404 AGGAGGCGCACCTCGGTGTAGCAGATGGGCGCGCAGACAGGCGCCGCGTGGCGTGGCC 345
31
32 Oy 481 CGGCGCTGTCTCCGCGAGCGGTCTGGGGC 508
33 1111111 111 111 111 111
34 Db 344 TGGCCCTTCAGCGCGGCGCCAGCGCCAGGC 317
35
36 RESULT 6
37 US-08-931-858E-206
38 Sequence 206, Application US/08931858E
39 Patent No. 6222022
40 GENERAL INFORMATION:
41 APPLICANT: JOHNSON, EUGENE M
42 APPLICANT: MILBRANDT, JEFFREY D
43 APPLICANT: KOTZBAUER, PAUL T
44 APPLICANT: LAMPE, PATRICIA A
45 APPLICANT: KLEIN, ROBERT
46 APPLICANT: DESAUVAGE, FRED
47 TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
48 NUMBER OF SEQUENCES: 239
49 CORRESPONDENCE ADDRESS:
50 ADDRESSEE: HOWELL & HAFERKAMP, L.C.
51 STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
52 CITY: ST. LOUIS
53 STATE: MO
54 COUNTRY: USA
55 ZIP: 63105
56
57 COMPUTER READABLE FORM:
58 MEDIUM TYPE: Floppy disk
59 COMPUTER: IBM PC compatible
60 OPERATING SYSTEM: PC-DOS/MS-DOS
61 SOFTWARE: Patent Release #1.0, Version #1.30
62 CURRENT APPLICATION DATA:
63 APPLICATION NUMBER: US/08/931,858E
64 FILING DATE:
65 CLASSIFICATION: 435
66 ATTORNEY/AGENT INFORMATION:
67 NAME: HOLLAND, DONALD R.
68 REGISTRATION NUMBER: 35,197
69 REFERENCE/DOCKET NUMBER: 9711486
70 TELECOMMUNICATION INFORMATION:
71 TELEPHONE: 314-727-5188
72 TELEFAX: 314-727-6092
73 INFORMATION FOR SEQ ID NO: 206:

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Yy 361 CCACAGAACTGAGCTTCCGAGAGGCTGTGACAGAGCTATCATGACAGAGCGGC 420
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 284 CCACACCGCAGGACAGCCGCCAGAGCTGAGGACAGCCGCTGCCAGCGGTCGTATCG 225
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Yy 421 CGCGAAGACGCTGCGCTCAACTCCGTGCGGCTGCTCCAGAGCCTGCTGTCGCGCCG 480
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 224 AGGAAAGCCACCTCGGTGTAGCGAGTGGCCGAGCAGAGGCGCCACCGTGGCTGCGCC 165
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Yy 481 CGGCGCTGCTCCCGGAGCGGCTCGGGGC 508
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 164 TGGCCCTGACGCGGGGCCAGCGCAGGC 137
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 8
US-08-931-858E-200
; Sequence 200, Application US/08931858E
; Patent No. 6222022
GENERAL INFORMATION:
APPLICANT: JOHNSON, EUGENE M
APPLICANT: MILBRANDT, JEFFREY D
APPLICANT: KOTZBAUER, PAUL T
APPLICANT: LAMPE, PATRICIA A
APPLICANT: KLEIN, ROBERT
APPLICANT: DESAUVAGE, FRED
TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
NUMBER OF SEQUENCES: 239
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,858E
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 971486
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-6092
TELEFAX: 314-727-6092
INFORMATION FOR SEQ. ID NO: 200:
SEQUENCE CHARACTERISTICS:
LENGTH: 291 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-931-858E-200

Query Match 6.9%; Score 40.8; DB 4; Length 291;
Best Local Similarity 54.7%; Pred. No. 0.53;
Matches 81; Conservative 0; Mismatches 67; Indels 0; Gaps 0;
Yy 361 CCACAGAACTGAGCTTCCGAGAGGCTGTATCATGACAGAGCGGC 420
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 8 CCACACCGCAGGACAGCCGCCAGAGCTGAGGACAGCCGCTGCCAGCGGTCGTATCG 67
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Yy 421 CGCGAAGACGCTGCGCTCAACTCCGTGCGGCTGCTCCAGAGCCTGCTGTCGCGCCG 480
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 68 AGGAAAGCCACCTCGGTGTAGCGAGTGGCCGAGCAGAGGCGCCACCGTGGCTGCGCC 127
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Yy 481 CGGCGCTGCTCCCGGAGCGGCTCGGGGC 508
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

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Db 128 TGGCCTGACGCGGCGCCAGCGCCAGGC 155

RESULT 9

US-08-931-858E-203/C

Sequence 203, Application US/08931858E

Patent No. 6222022

GENERAL INFORMATION:

APPLICANT: JOHNSON, EUGENE M

APPLICANT: MILBRANDT, JEFFREY D

APPLICANT: KOTZBAUER, PAUL T

APPLICANT: LAMPE, PATRICIA A

APPLICANT: KLEIN, ROBERT

APPLICANT: DESAUVAGE, FRED

TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR

NUMBER OF SEQUENCES: 239

CORRESPONDENCE ADDRESS:

ADDRESSEE: HOWELL & HAFERKAMP, L.C.

STREET: 7733 FORSYTH BOULEVARD, SUITE 1400

CITY: ST. LOUIS

STATE: MO

COUNTRY: USA

ZIP: 63105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/931,858E

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: HOLLAND, DONALD R.

REGISTRATION NUMBER: 35,197

REFERENCE/DOCKET NUMBER: 971486

TELECOMMUNICATION INFORMATION:

TELEPHONE: 314-727-5188

TELEFAX: 314-727-6092

INFORMATION FOR SEQ ID NO: 203:

SEQUENCE CHARACTERISTICS:

LENGTH: 471 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-931-858E-203

Query Match

Best Local Similarity 54.7%; Score 40.8; DB 4; Length 471;

Matches 81; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

Db 361 CCACAGAGCTGCGCTTCCGCGAGTGTGAGAGCTGTATGATGACGAGCGGC 420

Db 464 CCACAGCGCGAGCGAGCGCGCGAGAGCTGTGAGCGCGCTGTATGACGAGCGGC 405

Db 421 CGGAGAGACCTGCGCTTCCGCGAGTGTGAGAGCTGTATGATGACGAGCGGC 480

Db 404 AGAAGGCGCGCTGTGCTGAGTGTGAGAGTGTGAGAGCGCGCTGTATGACGAGCGGC 345

Db 481 CGGCGCTGTCCGCGAGCGCTGTGAGAGCTGTATGATGACGAGCGGC 508

Db 344 TGGCCTGACGCGGCGCCAGCGCCAGGC 317

RESULT 10

US-08-931-858E-204

Sequence 204, Application US/08931858E

Patent No. 6222022

GENERAL INFORMATION:

APPLICANT: JOHNSON, EUGENE M

APPLICANT: MILBRANDT, JEFFREY D

APPLICANT: KOTZBAUER, PAUL T

APPLICANT: LAMPE, PATRICIA A

APPLICANT: KLEIN, ROBERT

APPLICANT: DESAUVAGE, FRED

TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR

NUMBER OF SEQUENCES: 239

CORRESPONDENCE ADDRESS:

ADDRESSEE: HOWELL & HAFERKAMP, L.C.

STREET: 7733 FORSYTH BOULEVARD, SUITE 1400

CITY: ST. LOUIS

STATE: MO

COUNTRY: USA

ZIP: 63105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/931,858E

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: HOLLAND, DONALD R.

REGISTRATION NUMBER: 35,197

REFERENCE/DOCKET NUMBER: 971486

TELECOMMUNICATION INFORMATION:

TELEPHONE: 314-727-5188

TELEFAX: 314-727-6092

INFORMATION FOR SEQ ID NO: 204:

SEQUENCE CHARACTERISTICS:

LENGTH: 471 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-931-858E-204

Query Match

Best Local Similarity 54.7%; Score 40.8; DB 4; Length 471;

Matches 81; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

Db 361 CCACAGAGCTGCGCTTCCGCGAGTGTGAGAGCTGTATGATGACGAGCGGC 420

Db 8 CCACAGCGCGAGCGAGCGCGCGAGAGCTGTGAGCGCGCTGTATGACGAGCGGC 67

Db 421 CGGAGAGACCTGCGCTTCCGCGAGTGTGAGAGCTGTATGATGACGAGCGGC 480

Db 68 AGAAGGCGCGCTGTGCTGAGTGTGAGAGTGTGAGAGCGCGCTGTATGACGAGCGGC 127

Db 481 CGGCGCTGTCCGCGAGCGCTGTGAGAGCTGTATGATGACGAGCGGC 508

Db 128 TGGCCTGACGCGGCGCCAGCGCCAGGC 155

RESULT 11

US-08-348-518C-3/C

Sequence 3, Application US/08348518C

Patent No. 6022740

GENERAL INFORMATION:

APPLICANT: SUDOL, MARIUS

APPLICANT: PEER, BORK

APPLICANT: HENRY, CHEN

TITLE OF INVENTION: A SH2 DOMAIN ASSOCIATED PROTEIN, A

TITLE OF INVENTION: SIGNALING DOMAIN THEREIN, NUCLEIC ACIDS ENCODING THE

TITLE OF INVENTION: PROTEIN AND THE DOMAIN, AND DIAGNOSTIC AND THERAPEUTIC USES

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson

STREET: 411 Hackensack Avenue

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

RESULT 13
 US-08-931-858E-222/c
 ; Sequence 222, Application US/08931858E
 ; Patent No. 6222022
 ; GENERAL INFORMATION:
 ; APPLICANT: JOHNSON, EUGENE M.
 ; APPLICANT: MILLBRANDT, JEFFREY D
 ; APPLICANT: KOTZBAUER, PAUL T
 ; APPLICANT: LAMPE, PATRICIA A
 ; APPLICANT: KLEIN, ROBERT
 ; APPLICANT: DESAUVAGE, FRED
 ; TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
 ; NUMBER OF SEQUENCES: 239

CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,858E
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 971486
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 222:
SEQUENCE CHARACTERISTICS:
LENGTH: 267 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-931-858E-222

Query Match 6.6%; Score 38.8; DB 4; Length 267;
Best Local Similarity 54.1%; Pred. No. 1.5;
Matches 79; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

QY 363 ACAGAGCTGCGCTTCCGAGTGTGTCAGAGCGCTGATGACAGAGCGGCGG 422
DB 267 ACAGCGCGAGAGCGCGCGGAGAGCTGGGAGCCGCTGCACAGCGGTGCGCATCGAG 208
QY 423 CGAGACAGCTGCGCTCACTCCGCTGCGGCTGCTCCAGAGCGCTGCTGCGCGCGG 482
DB 207 GAAGGCGACGCTGCTGCTAGCGAGTGGCGCGGAGAGCGCCCGTGGGCTGCGGCTG 148
QY 483 GCGCTGCTCCCGAGAGCGCTCGGCGG 508
DB 147 GCCTGACGCGGCGGCGAGCGGCG 122

RESULT 14
US-09-443-501A-2/c
Sequence 2, Application US/09443501A
Patent No. 6303342
GENERAL INFORMATION:
APPLICANT: Kosan Biosciences, Inc.
APPLICANT: Julien, Bryan
APPLICANT: Katz, Leonard
APPLICANT: Khosla, Chaitan
APPLICANT: Tang, Li
APPLICANT: Ziermann, Rainer
TITLE OF INVENTION: Recombinant Methods and Materials for Producing
FILE REFERENCE: 30062-20031.00
CURRENT APPLICATION NUMBER: US/09/443,501A
CURRENT FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 60/130,560
PRIOR FILING DATE: 1999-04-22
PRIOR APPLICATION NUMBER: US 60/122,620
PRIOR FILING DATE: 1999-03-03
PRIOR APPLICATION NUMBER: US 60/119,386
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: US 60/109,401
PRIOR FILING DATE: 1998-11-20

NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 71989
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
US-09-443-501A-2

Query Match 6.5%; Score 38.6; DB 4; Length 71989;
Best Local Similarity 52.9%; Pred. No. 3.6;
Matches 83; Conservative 0; Mismatches 74; Indels 0; Gaps 0;

QY 356 GCTATCCACAGAAAGCTGCGCTTCCGAGTGCCTGTGTCAGAGGCTGTATGATGACGGA 415
DB 29116 GCGACCTGACCGCGCTACCGCGCTGAGACCGACCGCCCGCTGTACCCACACGAG 29057
QY 416 CGAGCGCGAGACGAGCTGCTCACTCCGCTGCTGCTCCAGAGCGTGTGCTGCG 475
DB 29056 CGACCGCGCGAGTCCCTGAGCGCTGACACCGAGAAAGCCCTCGGTCCGACAGCTGC 28997
QY 476 GCGCGCGCGCTGCTCCCGGAGCGGCTCGGCGCTCC 512
DB 28996 GCGCGCGCGGAGAGCTTCTGCTGCTGCTCCAGAGTTCC 28960

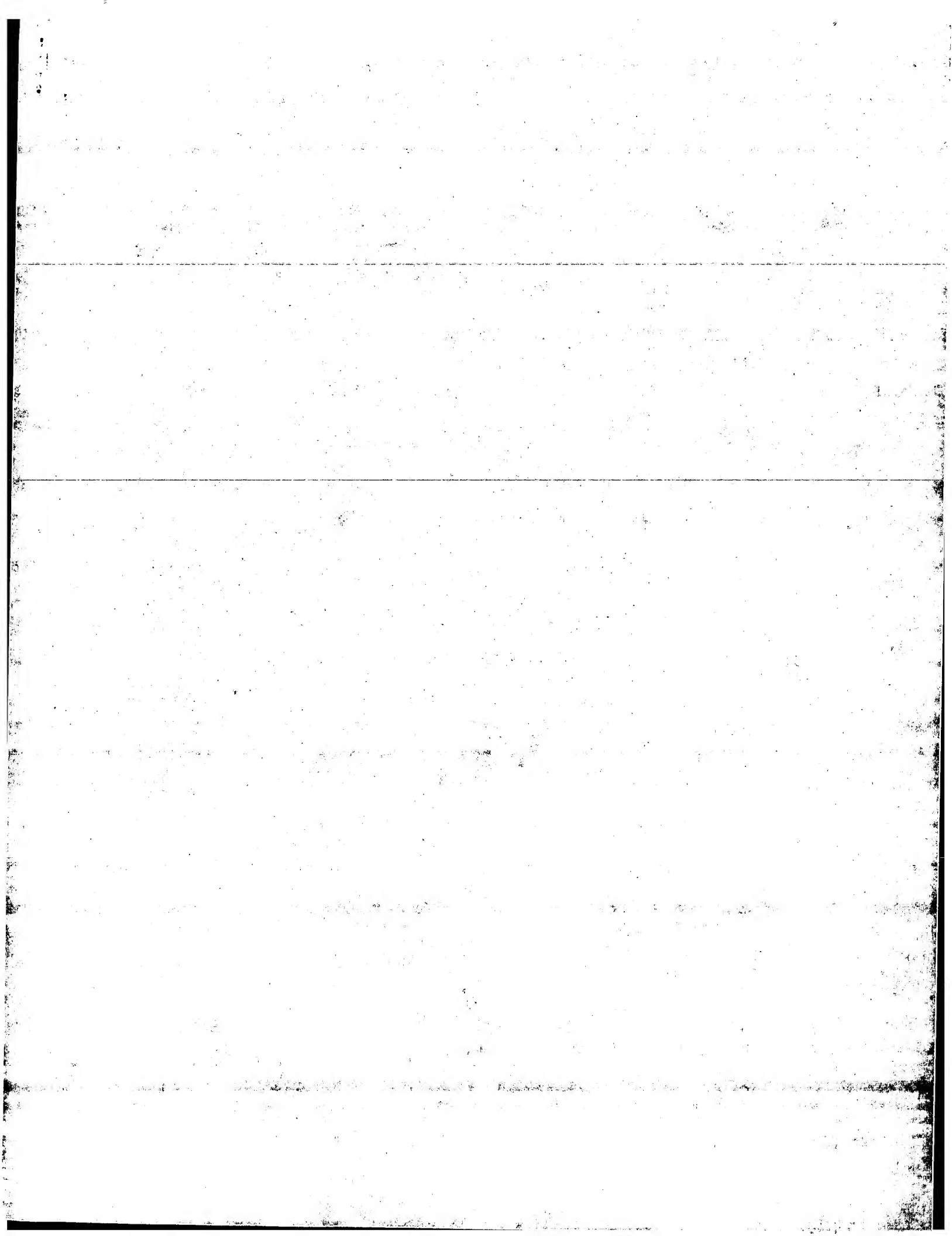
RESULT 15
US-09-162-524-4
Sequence 4, Application US/09162524
Patent No. 6387656
GENERAL INFORMATION:

APPLICANT: Jessell, Thomas M.
APPLICANT: Tanabe, Yasuo
APPLICANT: William, Christopher
TITLE OF INVENTION: Gene Encoding MNR2 and Uses Thereof
FILE REFERENCE: 57477/jpw/w1
CURRENT APPLICATION NUMBER: US/09/162,524
CURRENT FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 4
LENGTH: 1514
TYPE: DNA
ORGANISM: chick embryo
US-09-162-524-4

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Best Local Similarity 52.1%; Pred. No. 2.6;
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QY 256 ACCGAGTGGCGGCTGCTGAGGCGGAGGAGGAGTGTGAGGAGACACCCACAGCGCTCC 315
DB 925 CCGAG 984
QY 316 ATCTACCTGAGATACCTGTGACACGAGATGAGACCGCT 358
DB 985 CCTTACCTCTCCGACTGCTCCGAGGAGGAGAGAGAGAGACT 1027

Search completed: January 26, 2003, 19:18:16
Job time: 123 secs



GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: January 26, 2003, 19:15:15 ; Search time 97 Seconds
(without alignments)
2737.273 Million cell updates/sec

Title: US-09-854-280-4_COPY_50_640
591
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Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 396772 seqs, 224632407 residues

Total number of hits satisfying chosen parameters: 793544

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_NA:
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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3	591	100.0	1047	9	US-09-874-503-3
4	591	100.0	1047	9	US-10-000-157-3
5	591	100.0	1047	9	US-10-036-041-10
6	591	100.0	1047	9	US-09-747-259-3
7	591	100.0	1047	9	US-10-035-855-10
8	591	100.0	1047	9	US-10-174-590-447
9	591	100.0	1047	9	US-10-176-758-447
10	591	100.0	1047	9	US-10-175-737-447
11	591	100.0	1047	10	US-09-854-280-4
12	591	100.0	1047	10	US-09-854-208-4
13	591	100.0	1047	12	US-10-036-342-10
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19	230	38.9	705	10	US-09-854-280-7

20	230	38.9	230	10	US-09-854-208-7	Sequence 7, Appl
21	141.2	23.9	332	9	US-09-320-713-30	Sequence 30, Appl
22	141.2	23.9	332	10	US-09-731-816-30	Sequence 31, Appl
23	56.8	9.6	522	9	US-09-320-713-31	Sequence 31, Appl
24	56.8	9.6	522	10	US-09-731-816-31	Sequence 31, Appl
25	56.8	9.6	1641	10	US-09-731-816-3	Sequence 3, Appl
26	56.8	9.6	1642	9	US-09-320-713-3	Sequence 3, Appl
27	56.8	9.6	1754	9	US-09-874-503-7	Sequence 7, Appl
28	56.8	9.6	1754	9	US-10-000-157-7	Sequence 7, Appl
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32	53.8	9.1	644	10	US-09-886-404-1	Sequence 1, Appl
33	52.2	8.8	1320	9	US-09-874-503-5	Sequence 5, Appl
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36	52.2	8.8	1320	9	US-09-747-259-5	Sequence 5, Appl
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40	42	7.1	2561	12	US-10-023-529-48	Sequence 48, Appl
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42	41.4	7.0	9045	10	US-09-737-149-1	Sequence 1, Appl
43	41.4	7.0	11389	10	US-09-728-711-4	Sequence 4, Appl
44	41.4	7.0	12425	9	US-09-976-740-50	Sequence 50, Appl
45	41.4	7.0	12425	9	US-09-976-740-50	Sequence 50, Appl

ALIGNMENTS

RESULT 1
US-09-854-280-17
Sequence 17, Application US/09854280
Patent No. US20020052027A1
GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Filvaroff, Ellen
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin
APPLICANT: Li, Hanzhong
APPLICANT: Wood, William I.
TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF
FILE REFERENCE: P181R1C2
CURRENT APPLICATION NUMBER: US/09/854,280
CURRENT FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US 09/311,832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: US 60/085,579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 60/113,621
PRIOR FILING DATE: 1998-12-23
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 17
LENGTH: 594
TYPE: DNA
ORGANISM: Homo sapiens
US-09-854-280-17
Query Match 100.0%; Score 591; DB 10; Length 594;
Best Local Similarity 100.0%; Pred. No. 3.1e-124;
Matches 591; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 ATGACGCTCTCCCGGCGGCTCTGTTTGACCTGGCTGCACACATGCTGCCACCAT 60
OY 61 GACCCCTCCCTGAGGGGACCCGACAGTCACTGACCTGACCTGAGGCTGAG 120
DB 61 GACCCCTCCCTGAGGGGACCCGACAGTCACTGACCTGAGGCTGAG 120
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PRIOR APPLICATION NUMBER: US 60/138,387
PRIOR FILING DATE: 1999-06-09
PRIOR APPLICATION NUMBER: US 60/134,287
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: US 60/131,022
PRIOR FILING DATE: 1999-04-26
PRIOR APPLICATION NUMBER: US 60/130,232
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: US 60/113,621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: US 60/085,579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 09/854,208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US 09/854,280
PRIOR FILING DATE: 2001-05-20
PRIOR APPLICATION NUMBER: US 09/816,744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: US 09/747,259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: US 09/644,848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: US 09/380,142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: US 09/380,138
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: US 09/311,832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: US PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: US PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: US PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US PCT/US00/30873
PRIOR FILING DATE: 2000-11-10
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PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: US PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
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PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US PCT/US00/04341
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: US PCT/US99/31274
PRIOR FILING DATE: 1999-12-30
PRIOR APPLICATION NUMBER: US PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: US PCT/US99/05028
PRIOR FILING DATE: 1999-03-08
NUMBER OF SEQ ID NOS: 39
SEQ ID NO 3
LENGTH: 1047
TYPE: DNA
ORGANISM: Homo Sapien
US-09-874-503-3

Query Match 100.0%; Score 591; DB 9; Length 1047;
Best Local Similarity 100.0%; Pred. No. 3.3e-124; Indels 0; Gaps 0;
Matches 591; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGCGCTCTCCCGGCGCTGCTGTTCTGACCTGGCTGCACACATGCTGGCCACCAT 60
DB 50 ATGAGCGCTCTCCCGGCGCTGCTGTTCTGACCTGGCTGCACACATGCTGGCCACCAT 109
QY 61 GACCCCTCCCTCAGGGGGGACCCCGACAGTACAGGTTACCCACACAGTCTGCTGGCTGAG 120
DB 110 GACCCCTCCCTCAGGGGGGACCCCGACAGTACAGGTTACCCCGACAGTCTGCTGGCTGAG 169

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RESULT 4
US-10-000-157-3
Sequence 3, Application US/10000157
Publication No. US20020182673A1
GENERAL INFORMATION:
APPLICANT: Chen, Jian
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul L.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin
APPLICANT: Li, Hanzhong
APPLICANT: Hillan, Kenneth J.
APPLICANT: Hymowitz, Sarah
APPLICANT: Tumas, Daniel
APPLICANT: Starovaasnik, Melissa.
APPLICANT: Vanlooken, Menno
APPLICANT: Vandlen, Richard
APPLICANT: Watanabe, Colin
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William
APPLICANT: Vansura, Daniel
TITLE OF INVENTION: IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF
FILE REFERENCE: P1381R1P4(US)
CURRENT APPLICATION NUMBER: US/10/000,157
PRIOR FILING DATE: 2001-10-30
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/130232
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131022
PRIOR FILING DATE: 1999-04-26
PRIOR APPLICATION NUMBER: 60/134287
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 60/138387
PRIOR FILING DATE: 1999-06-09
PRIOR APPLICATION NUMBER: 60/172096

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: NUMBER OF SEQ ID NOS: 39
: SEQ ID NO 3
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: TYPE: DNA
: ORGANISM: Homo Sapien
US-10-000-157-3

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Matches 591: Conservative 0; Mismatches 0; Indels 0; Gaps:

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DB 590 GAGTTCATCCAGTCCCGGCTGGGGCTGGACACCTGGCTGGTCCCGCTTCAGTG 640

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: Sequence 10, Application US/10036041
: Publication No. US20020192751A1
: GENERAL INFORMATION:
: APPLICANT: Desmoyers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Pan, James
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Watanabe, Colin K.
: APPLICANT: Wood, William I.
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: FILE REFERENCE: P1030R1G
: CURRENT APPLICATION NUMBER: US/10/036, 041
: CURRENT FILING DATE: 2001-12-26
: PRIOR APPLICATION NUMBER: 60/085579

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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
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PRIOR FILING DATE: 1998-12-22
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PRIOR FILING DATE: 1998-12-23
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PRIOR FILING DATE: 1999-01-22
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PRIOR FILING DATE: 2000-08-22
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PRIOR FILING DATE: 2000-12-20
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PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908,827
PRIOR FILING DATE: 2001-07-18

PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
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PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
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PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 10
LENGTH: 1047
TYPE: DNA
ORGANISM: Homo Sapien
US-10-036-041-10

Query Match 100.0%; Score 591; DB 9; Length 1047;
Best Local Similarity 100.0%; Pred. No. 3,3e-124;
Matches 591; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGACGCTCCCTCCGCGGCTCTGTTTCGACCTGGCTGACACATGCCGCGCACCAT 60
DB 50 ATGACGCTCCCTCCGCGGCTCTGTTTCGACCTGGCTGACACATGCCGCGCACCAT 109
QY 61 GACCCCTCCCTCCGCGGCGGACCCGCCACAGTACAGTACCCACACTGCTACTGCGCTGAG 120
DB 110 GACCCCTCCCTCCGCGGCGGACCCGCCACAGTACAGTACCCACACTGCTACTGCGCTGAG 169
QY 121 GAACGCTCCCTCCGCGGCGGACCCGCCACAGTACAGTACCCACACTGCTACTGCGCTGAG 180
DB 170 GAACGCTCCCTCCGCGGCGGACCCGCCACAGTACAGTACCCACACTGCTACTGCGCTGAG 229
QY 181 GCTTTCGCTGACCTCCGCGGCTGTCAGCTGGAGGACCAAGGAGGCGGAGGACGAG 240
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QY 241 AGGCGCTCAGCTACGACCCAGTCCCGGCTGCTCGGCGGAGGAGGAGGAGGAGGAGGAG 300
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QY 301 ACCGACGAGGCTCATCTTCACCTTGAGATACCGTGTGACACAGGATGAGGACCGCTAT 360
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QY 361 CCACAGAGCTGCGCTTCCGCGGAGTCCGTCGAGAGGCGGTTCATGACGAGGAGGAGGAG 420
DB 410 CCACAGAGCTGCGCTTCCGCGGAGTCCGTCGAGAGGCGGTTCATGACGAGGAGGAGGAG 469
QY 421 CCGGAGACAGCTGCGCTCAGCTCCGCTGCGGCTGCTCAGAGGCTGCTGCTGCTGCTGCTG 480

PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/413300

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		0;	Mismatches	0;	Indels	0;	Gaps	
QY	1	ATGAGCGTCCTCCCGGCGCTCTGTTTCTGACCTGGCGACACATGCGCGCCACCAT	60					
Db	50	ATGAGCGTCCTCCCGGCGCTCTGTTTCTGACCTGGCGACACATGCTGGCCACCAT	10					
QY	61	GACCCCTCCCTCAGGGGGACCCCCACACTCAGGTATCCCACTACTGAGGCTGAG	12					
Db	110	GACCCCTCCCTCAGGGGGACCCCCACACTCAGGTATCCCACTACTGAGGCTGAG	16					
QY	121	GAACCTCCCTCGGCGAGGCGCCGCCACACCTGCTGGCTGAGGTGGCAGTGGGGGAG	18					
Db	170	GAACCTCCCTCGGCGAGGCGCCGCCACACCTGCTGGCTGAGGTGGCAGTGGGGGAG	22					
QY	181	GCTTTGGCTGAGCCCTGGTGTTCAGCTTGGAGGCGACCAACAGGGGAGGCGACGAG	24					
Db	230	GCTTTGGCTGAGCCCTGGTGTTCAGCTTGGAGGCGACCAACAGGGGAGGCGACGAG	28					
QY	241	AGGCGCTCAGCTACGACCCAGTGGCCGGCTGGCGGCGGAGGAGGTTGGAGGAGAGC	30					
Db	290	AGGCGCTCAGCTACGACCCAGTGGCCGGCTGGCGGCGGAGGAGGTTGGAGGAGAGC	34					
QY	301	ACCCACGAGGGCTCATCTCACCCCTGGAGATACGTTGGAGACGGATGAGGACCGCTAT	36					
Db	350	ACCCACGAGGGCTCATCTCACCCCTGGAGATACGTTGGAGACGGATGAGGACCGCTAT	40					
QY	361	CCACAGAACCTGGCCCTGCGCCAGTGGCTGGACAGAGGCTGTATGATGACAGGAGGGG	42					
Db	410	CCACAGAACCTGGCCCTGCGCCAGTGGCTGGAGAGGCTGTATGATGACAGGAGGGG	46					
QY	421	CGGAGAGCACTGGCGGTCAACTCCGTGGGGCTGCTCAGAGCTGCTGCTGGCGGC	48					
Db	470	CGGAGAGCACTGGCGGTCAACTCCGTGGGGCTGCTCAGAGCTGCTGCTGGCGGC	52					
QY	481	CGGCGCTGCTCCCGGAGCGGCTCGGGGGCTCCCGACACTTGGGGCTTTTCCCTTCACAC	54					
Db	530	CGGCGCTGCTCCCGGAGCGGCTCGGGGGCTCCCGACACTTGGGGCTTTTCCCTTCACAC	58					
QY	541	GAGTTATATCAGGTCCCGGTGGGCGGACACCTGGGCTGTGCGCCGTTCAAGT	59					
Db	590	GAGTTATATCAGGTCCCGGTGGGCGGACACCTGGGCTGTGCGCCGTTCAAGT	640					

PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
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PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
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PRIOR FILING DATE: 1999-04-27
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PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
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PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
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PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
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PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908,827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 10
LENGTH: 1047
TYPE: DNA
ORGANISM: Homo Sapien
US-10-035-855-10
Query Match
Best Local Similarity 100.0%; Score 591; DB 9; Length 1047;
Query Length 1047; Mismatches 0; Indels 0; Gaps 0;
Matches 591; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATGAGCGCTCCCTCCGCGGCGCTCTGTTTGTGACCTGCTGCACACATGCTGGCCACCAT 60
DB 50 ATGAGCGCTCCCTCCGCGGCGCTCTGTTTGTGACCTGCTGCACACATGCTGGCCACCAT 109
QY 61 GACCCCTCCCTCAAGGGGGGCAACCCCAAGTCAAGGTAACCCCAACACTGCTACTGGCTGAG 120
DB 110 GACCCCTCCCTCAAGGGGGGCAACCCCAAGTCAAGGTAACCCCAACACTGCTACTGGCTGAG 169
QY 121 GAACGCGCTCCCTGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 180
DB 170 GAACGCGCTCCCTGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 229
QY 181 GCTTTCCTGCTAGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 240
DB 230 GCTTTCCTGCTAGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 289
QY 241 AGGCGCTGAGCTAGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
DB 290 AGGCGCTGAGCTAGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 349
QY 301 ACCGACGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360
DB 350 ACCGACGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 409
QY 361 CCACAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420
DB 410 CCACAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 469
QY 421 CCGGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
DB 470 CCGGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 529
QY 481 CCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540

Db 530 CGGCGCTGCTCCCGGAGCGGCTCGGGGCTCCCGACACCTGGGGCTTTGCTTCACAC 589
 QY 541 GAGTTATCCAGTCCCGGCTGGCTGACCTGGCTGCTCCCGGTTCAAGT 591
 Db 590 GAGTTATCCAGTCCCGGCTGGCTGACCTGGCTGCTCCCGGTTCAAGT 640

RESULT 8

US-10-174-590-447
 ; Sequence 447, Application US/10174590
 ; Publication No. US20030008352A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3430R1C42
 ; CURRENT APPLICATION NUMBER: US/10/174,590
 ; CURRENT FILING DATE: 2002-06-18
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO 447
 ; LENGTH: 1047
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; US-10-174-590-447

Query Match 100.0%; Score 591; DB 9; Length 1047;
 Best Local Similarity 100.0%; Pred. No. 3.3e-124;
 Matches 591; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGCTCTCTCCCGGCTGCTGTTCTGACCTGGCTGACACATGGCCGACCAT 60
 Db 50 ATGAGCTCTCTCCCGGCTGCTGTTCTGACCTGGCTGACACATGGCCGACCAT 109
 QY 61 GACCCCTCTCAGGGGGGACCCCGACAGTCAAGTCAAGTCAAGTCAAGTCAAG 120
 Db 110 GACCCCTCTCAGGGGGGACCCCGACAGTCAAGTCAAGTCAAGTCAAGTCAAG 169
 QY 121 GAACGCTCTCTCCCGGCTGCTGTTCTGACCTGGCTGACACATGGCCGACCAT 180
 Db 170 GAACGCTCTCTCCCGGCTGCTGTTCTGACCTGGCTGACACATGGCCGACCAT 229
 QY 181 GCTTTGCTTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 240
 Db 230 GCTTTGCTTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 289
 QY 241 AGGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
 Db 290 AGGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 349
 QY 301 ACCGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360
 Db 350 ACCGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 409
 QY 361 CCACAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420
 Db 410 CCACAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 469
 QY 421 CGGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
 Db 470 CGGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 529
 QY 481 CGGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540

Db 530 CGGCGCTGCTCCCGGAGCGGCTCGGGGCTCCCGACACCTGGGGCTTTGCTTCACAC 589
 QY 541 GAGTTATCCAGTCCCGGCTGGCTGACCTGGCTGCTCCCGGTTCAAGT 591
 Db 590 GAGTTATCCAGTCCCGGCTGGCTGACCTGGCTGCTCCCGGTTCAAGT 640

RESULT 9

US-10-176-758-447
 ; Sequence 447, Application US/10176758
 ; Publication No. US20030008353A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3430R1C104
 ; CURRENT APPLICATION NUMBER: US/10/176,758
 ; CURRENT FILING DATE: 2002-06-21
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO 447
 ; LENGTH: 1047
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; US-10-176-758-447

Query Match 100.0%; Score 591; DB 9; Length 1047;
 Best Local Similarity 100.0%; Pred. No. 3.3e-124;
 Matches 591; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGCTCTCTCCCGGCTGCTGTTCTGACCTGGCTGACACATGGCCGACCAT 60
 Db 50 ATGAGCTCTCTCCCGGCTGCTGTTCTGACCTGGCTGACACATGGCCGACCAT 109
 QY 61 GACCCCTCTCAGGGGGGACCCCGACAGTCAAGTCAAGTCAAGTCAAGTCAAG 120
 Db 110 GACCCCTCTCAGGGGGGACCCCGACAGTCAAGTCAAGTCAAGTCAAGTCAAG 169
 QY 121 GAACGCTCTCTCCCGGCTGCTGTTCTGACCTGGCTGACACATGGCCGACCAT 180
 Db 170 GAACGCTCTCTCCCGGCTGCTGTTCTGACCTGGCTGACACATGGCCGACCAT 229
 QY 181 GCTTTGCTTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 240
 Db 230 GCTTTGCTTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 289
 QY 241 AGGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
 Db 290 AGGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 349
 QY 301 ACCGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360
 Db 350 ACCGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 409
 QY 361 CCACAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420
 Db 410 CCACAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 469
 QY 421 CGGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
 Db 470 CGGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 529

PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
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PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908,827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
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PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 10
LENGTH: 1047
TYPE: DNA
ORGANISM: Homo Sapien
US-10-036-342-10

Query Match 100.0%; Score 591; DB 12; Length 1047;
Best Local Similarity 100.0%; Pred. No. 3,3e-124;

Matches 591; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATGAGGCTCCTCCCGGCTCCTGTTTGTGACCTGGTGCACATGCTGGCCACCAT 60
DB 50 ATGAGGCTCCTCCCGGCTCCTGTTTGTGACCTGGTGCACATGCTGGCCACCAT 109
QY 61 GACCCCTCCCTCAGGGGACACCCACAGTACAGTACCCACATGCTAGCTGAG 120
DB 110 GACCCCTCCCTCAGGGGACACCCACAGTACAGTACCCACATGCTAGCTGAG 169
QY 121 GACTGCCCCCTGCGCCAGGCCCCCAGACCTGCTGAGGCTGAGGAGGAGCAG 180
DB 170 GAATGCCCCCTGCGCCAGGCCCCCAGACCTGCTGAGGCTGAGGAGGAGCAG 229
QY 181 GCTTGGCTGTAGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 240
DB 230 GCTTGGCTGTAGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 289
QY 241 AGCCCTCAGTACGACGACGACGACGACGACGACGACGACGACGACGACGAC 300
DB 290 AGCCCTCAGTACGACGACGACGACGACGACGACGACGACGACGACGACGAC 349
QY 301 ACCACACAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360
DB 350 ACCACACAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 409
QY 361 CCACAGAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420
DB 410 CCACAGAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 469
QY 421 CGCGAGACAGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
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QY 481 CGGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 540
DB 530 CGGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 589
QY 541 GAGTTCATCCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 591
DB 590 GAGTTCATCCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 640

RESULT 14
US-10-052-586-447
Sequence 447, Application US/10052586
Patent No. US20020127584A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430R1C1
CURRENT APPLICATION NUMBER: US/10/052,586
CURRENT FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063121

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PRIOR FILING DATE: 1998-04-29	
PRIOR APPLICATION NUMBER: 60/083496	
PRIOR FILING DATE: 1998-04-29	
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PRIOR FILING DATE: 1998-04-29	
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PRIOR FILING DATE: 1998-04-29	
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PRIOR FILING DATE: 1998-05-07	
PRIOR APPLICATION NUMBER: 60/085573	
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PRIOR FILING DATE: 1998-05-15	
PRIOR APPLICATION NUMBER: 60/085700	
PRIOR FILING DATE: 1998-05-15	
PRIOR APPLICATION NUMBER: 60/086023	
PRIOR FILING DATE: 1998-05-16	
PRIOR APPLICATION NUMBER: 60/086392	
PRIOR FILING DATE: 1998-05-22	
PRIOR APPLICATION NUMBER: 60/086486	
PRIOR FILING DATE: 1998-05-22	
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PRIOR APPLICATION NUMBER: 60/088028	
PRIOR FILING DATE: 1998-06-04	
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PRIOR FILING DATE: 1998-06-04	
PRIOR APPLICATION NUMBER: 60/088033	
PRIOR FILING DATE: 1998-06-04	
PRIOR APPLICATION NUMBER: 60/088167	
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PRIOR APPLICATION NUMBER: 60/088202	
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PRIOR APPLICATION NUMBER: 60/088655	
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PRIOR APPLICATION NUMBER: 60/088722	
PRIOR FILING DATE: 1998-06-10	
PRIOR APPLICATION NUMBER: 60/088738	
PRIOR FILING DATE: 1998-06-10	
PRIOR APPLICATION NUMBER: 60/088740	
PRIOR FILING DATE: 1998-06-10	
PRIOR APPLICATION NUMBER: 60/088811	
PRIOR FILING DATE: 1998-06-10	
PRIOR APPLICATION NUMBER: 60/088824	

Query Match	100.0%	Score 591;	DB 12	Length 1047;
Best Local Similarity	100.0%	Pred. NO. 3.3e-124		
Matches 591; 1 Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0

RESULT 15

Query Match	99.7%	Score 589.4	DB 9	Length 1067
Best Local Similarity	99.8%	Pred. No. 7.6e-124		
Matches 590; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0

Search completed: January 26, 2003, 20:28:44

Mon Jan 27 08:36:29 2003

Job time : 100 secs

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